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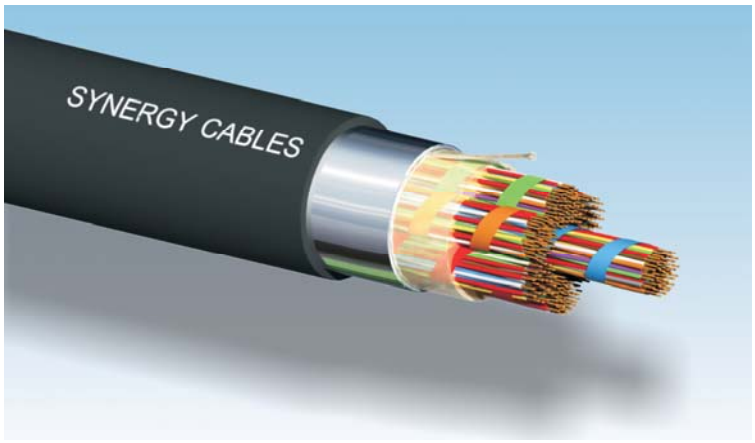
Fully Filled Cellular PE Insulated Outdoor Cables



GENERAL DESCRIPTION AND APPLICATION

- Petroleum Gel filled, cellular polyethylene insulated cables with aluminum moisture barrier and polyethylene outer jacketed.
- Designed for use as a duct cable in access or trunk networks.
- An armored option is offered for direct burial installations.

STANDARDS

- IEC 60708-1
- BT Specification CW 1128
- BT Specification CW 1236
- BEZEQ Specification 819

CONSTRUCTION

- **Conductors:** Solid annealed bare copper, 0.4, 0.5, 0.63 or 0.9 mm, with cellular polyethylene insulation.
- **Pairs:** Insulated conductors are twisted into pairs with varying lays to minimize crosstalk. Standard color code is per IEC 60708-1 (Teldor Cables color code 10). Other codes are available.
- **Cable Core Assembly:** Cables with 100 pairs or less are composed of 10-pair units; cables with over 100 pairs are composed of 25-pair units. Cables with over 200 pairs are made of units of 25, 50 or 100 pairs cabled together. Any extra pairs form a separate unit. Units are identified by color coded binders.
- **Filling:** All the core interstices are filled with filling compound for full protection against water penetration.
- **Core Covering:** Non-hygroscopic dielectric tape is fully enclosing the core with an overlap.
- **Moisture Barrier**: Longitudinally applied, copolymer coated, electrically continuous aluminum foil, with sealed overlapping edges, preventing moisture from entering the cable core.
- **Jacket**: Virgin black polyethylene.
- **Ripcord:** Under the jacket.

OPTIONAL CONSTRUCTION

- **Armored Cable**: Corrugated steel tape armor applied over an inner polyethylene jacket. The steel tape is 0.15 mm thick coated with a copolymer and applied with an overlap. An outer virgin black polyethylene jacket over the armor.

ELECTRICAL PROPERTIES

Conductor Size	Max. Average Conductor Resistance @20°C	Min. Insulation Resistance @500VDC	Max. Average Mutual Capacitance (1)	Max. Capacitance Unbalance Pair/Pair (1)
mm	Ω/km	MΩ/km	nF/km	pF/500m
0.40	143	1500	53	250
0.50	91	1500	53	250
0.63	58	1500	55	250
0.90	28	1500	59	250

1. Measured at 800 or 1000 Hz

MARKING

Cables are marked as follows:
Teldor Cables --- Cable Code --- RoHS ---Length in Meters
or per customer request.

CABLE PART NUMBERS, DIMENSIONS AND WEIGHTS

See detailed cable list.

ORDERING

According to cable list. Standard cable lengths vary with pair count. Other constructions, color codes and materials may be available. Please contact the Teldor Cables Marketing Department.

Fully Filled Cellular PE Insulated Outdoor Cables

Cable List

Single Jacket, Aluminum Moisture Barrier

Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter Mm	Nominal Weight kg/km
0.4 mm Conductor, 0.75 mm Wire, Jelly Filled, Al Moisture Barrier, PE Jacket					
423005-D	5*2*0.4/0.75-B-CE-AP-G -10	5	1.6	10.0	60
423012-D	10*2*0.4/0.75-B-CE-AP-G-10	10	1.6	11.0	85
423020-D	20*2*0.4/0.75-B-CE-AP-G-10	20	1.6	13.5	130
423030-D	30*2*0.4/0.75-B-CE-AP-G-10	30	1.6	14.5	185
423050-D	50*2*0.4/0.75-B-CE-AP-G-10	50	1.6	16.5	260
423061-D	100*2*0.4/0.75-B-CE-AP-G-10	100	1.7	21.0	470
423079-D	200*2*0.4/0.75-B-CE-AP-G-10	200	1.8	26.5	855
423120-D	300*2*0.4/0.75-B-CE-AP-G-10	300	1.9	32.5	1245
423100-D	400*2*0.4/0.75-B-CE-AP-G-10	400	1.9	35.0	1650
423200-D	600*2*0.4/0.75-B-CE-AP-G-10	600	2.1	42.5	2310
423220-D	800*2*0.4/0.75-B-CE-AP-G-10	800	2.2	48.0	3080
423230-D	1000*2*0.4/0.75-B-CE-AP-G-10	1000	2.3	52.5	3785
423240-D	1200*2*0.4/0.75-B-CE-AP-G-10	1200	2.4	57.0	4600
423245-D	1600*2*0.4/0.75-B-CE-AP-G-10	1600	2.6	65.5	6000
423250-D	2000*2*0.4/0.75-B-CE-AP-G-10	2000	2.6	72.0	7300
0.5 mm Conductor, 0.90 mm Wire, Jelly Filled, Al Moisture Barrier, PE Jacket					
423305-D	5*2*0.5/0.9-B-CE-AP-G-10	5	1.6	10.5	75
423310-D	10*2*0.5/0.9-B-CE-AP-G-10	10	1.6	12.0	110
423320-D	20*2*0.5/0.9-B-CE-AP-G-10	20	1.6	14.5	180
423330-D	30*2*0.5/0.9-B-CE-AP-G-10	30	1.6	16.0	250
423350-D	50*2*0.5/0.9-B-CE-AP-G-10	50	1.6	19.0	385
423370-D	100*2*0.5/0.9-B-CE-AP-G-10	100	1.7	24.0	700
423391-D	200*2*0.5/0.9-B-CE-AP-G-10	200	2.0	32.0	1300
423395-D	300*2*0.5/0.9-B-CE-AP-G-10	300	2.1	38.0	1900
423396-D	400*2*0.5/0.9-B-CE-AP-G-10	400	2.2	43.0	2500
423397-D	600*2*0.5/0.9-B-CE-AP-G-10	600	2.3	50.0	3650
4233971-D	800*2*0.5/0.9-B-CE-AP-G-10	800	2.5	58.0	4900
423398-D	1000*2*0.5/0.9-B-CE-AP-G-10	1000	2.6	63.5	6000
423399-D	1200*2*0.5/0.9-B-CE-AP-G-10	1200	2.7	69.0	7100
0.63 mm Conductor, 1.15 mm Wire, Jelly Filled, Al Moisture Barrier, PE Jacket					
423405-D	5*2*0.63/1.15-B-CE-AP-G-10	5	1.6	12.5	100
423408-D	10*2*0.63/1.15-B-CE-AP-G-10	10	1.6	13.5	160
423410-D	20*2*0.63/1.15-B-CE-AP-G-10	20	1.6	16.5	260
423412-D	30*2*0.63/1.15-B-CE-AP-G-10	30	1.6	18.5	350
423414-D	50*2*0.63/1.15-B-CE-AP-G-10	50	1.7	22.5	550
423450-D	100*2*0.63/1.15-B-CE-AP-G-10	100	1.9	30.0	1000
423467-D	200*2*0.63/1.15-B-CE-AP-G-10	200	2.1	38.0	1900
423470-D	300*2*0.63/1.15-B-CE-AP-G-10	300	2.2	45.5	2850
423475-D	400*2*0.63/1.15-B-CE-AP-G-10	400	2.4	52.5	3750
423480-D	600*2*0.63/1.15-B-CE-AP-G-10	600	2.6	62.0	5400
423485-D	800*2*0.63/1.15-B-CE-AP-G-10	800	2.8	70.5	7250

All cable dimensions and weights are subject to normal manufacturing tolerances.

Fully Filled Cellular PE Insulated Outdoor Cables

Cable List

Single Jacket, Aluminum Moisture Barrier

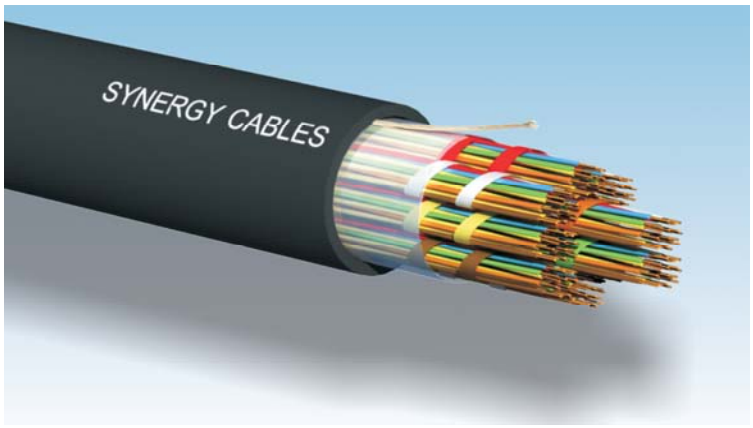
Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter Mm	Nominal Weight kg/km
0.9 mm Conductor, 1.50 mm Wire, Jelly Filled, Al Moisture Barrier, PE Jacket					
423605-D	5*2*0.9/1.5-B-CE-AP-G-10	5	1.6	13.5	150
423610-D	10*2*0.9/1.5-B-CE-AP-G-10	10	1.6	17.5	250
423620-D	20*2*0.9/1.5-B-CE-AP-G-10	20	1.6	21.0	450
423635-D	30*2*0.9/1.5-B-CE-AP-G-10	30	1.7	22.5	630
423640-D	50*2*0.9/1.5-B-CE-AP-G-10	50	1.8	28.0	1000
423650-D	100*2*0.9/1.5-B-CE-AP-G-10	100	2.1	37.0	2000
423662-D	200*2*0.9/1.5-B-CE-AP-G-10	200	2.3	50.0	3650
423663-D	300*2*0.9/1.5-B-CE-AP-G-10	300	2.6	59.0	5300
423670-D	400*2*0.9/1.5-B-CE-AP-G-10	400	2.6	68.0	7000

Dual Jacket, Aluminum Moisture Barrier, Corrugated Steel Armor

Teldor Part Number	Cable Code	Number of Pairs	Nominal Inner Jacket mm	Nominal Outer Jacket mm	Maximum Outer Diameter mm	Nominal Weight kg/km
0.4 mm Conductor, 0.75 mm Wire, Jelly Filled, Al Moisture Barrier, PE, Corrugated Steel, PE Jacket						
416410-D	10*2*0.4/0.75-B-CE-APRP-G-10	10	1.0	1.3	15.5	180
416420-D	20*2*0.4/0.75-B-CE-APRP-G-10	20	1.0	1.3	18.0	230
416425-D	30*2*0.4/0.75-B-CE-APRP-G-10	30	1.1	1.4	19.5	295
416440-D	50*2*0.4/0.75-B-CE-APRP-G-10	50	1.1	1.5	20.0	400
416450-D	100*2*0.4/0.75-B-CE-APRP-G-10	100	1.2	1.6	27.0	665
416460-D	200*2*0.4/0.75-B-CE-APRP-G-10	200	1.3	1.7	31.0	1100
0.5 mm Conductor, 0.90 mm Wire, Jelly Filled, Al Moisture Barrier, PE, Corrugated Steel, PE Jacket						
416010-D	10*2*0.5/0.9-B-CE-APRP-G-10	10	1.0	1.2	16.6	225
416020-D	20*2*0.5/0.9-B-CE-APRP-G-10	20	1.0	1.2	19.5	315
416030-D	30*2*0.5/0.9-B-CE-APRP-G-10	30	1.1	1.3	20.5	395
416050-D	50*2*0.5/0.9-B-CE-APRP-G-10	50	1.1	1.3	23.0	550
416070-D	100*2*0.5/0.9-B-CE-APRP-G-10	100	1.2	1.5	28.5	885
416080-D	200*2*0.5/0.9-B-CE-APRP-G-10	200	1.3	1.6	35.5	1465
0.63 mm Conductor, 1.15 mm Wire, Jelly Filled, Al Moisture Barrier, PE, Corrugated Steel, PE Jacket						
416220-D	10*2*0.63/1.15-B-CE-APRP-G-10	10	1.0	1.3	18.5	290
416215-D	20*2*0.63/1.15-B-CE-APRP-G-10	20	1.1	1.4	21.5	400
416230-D	30*2*0.63/1.15-B-CE-APRP-G-10	30	1.1	1.4	23.0	530
416240-D	50*2*0.63/1.15-B-CE-APRP-G-10	50	1.2	1.6	26.0	750
416250-D	100*2*0.63/1.15-B-CE-APRP-G-10	100	1.3	1.7	33.0	1280
416270-D	200*2*0.63/1.15-B-CE-APRP-G-10	200	1.7	2.0	43.0	2325
0.9 mm Conductor, 1.50mm Wire, Jelly Filled, Al Moisture Barrier, PE, Corrugated Steel, PE Jacket						
416318-D	10*2*0.9/1.50-B-CE-APRP-G-10	10	1.1	1.5	20.5	395
416320-D	20*2*0.9/1.50-B-CE-APRP-G-10	20	1.1	1.5	24.0	625
416321-D	30*2*0.9/1.50-B-CE-APRP-G-10	30	1.3	1.6	27.0	880
416322-D	50*2*0.9/1.50-B-CE-APRP-G-10	50	1.3	1.7	33.5	1285
416350-D	100*2*0.9/1.50-B-CE-APRP-G-10	100	1.5	2.1	45.0	2430
416360-D	200*2*0.9/1.50-B-CE-APRP-G-10	200	2.2	2.5	55.0	4195

All cable dimensions and weights are subject to normal manufacturing tolerances.

Solid PE Insulated Outdoor Cables



GENERAL DESCRIPTION AND APPLICATION

Solid polyethylene insulated air-core cables with polyethylene outer jacket. It is designed for use as a duct cable in access or trunk networks. An armored option is offered for direct burial installations. A figure-8 self-support option is offered for aerial installations.

STANDARDS

- IEC 60708-1
- BT 1252
- BEZEQ Standard 820

STANDARD CONSTRUCTION

- **Conductors:** Solid annealed bare copper, 0.4, 0.5, 0.63 or 0.9 mm, with solid polyethylene insulation.
- **Pairs:** Insulated conductors are twisted into pairs with varying lays to minimize crosstalk Standard color code is per IEC 60708-1 (Teldor Cables color code 10). Other codes are available.
- **Cable Core Assembly:** Cables with 100 pairs or less are composed of 10-pair units; cables with over 100 pairs are composed of 25-pair units. Any extra pairs form a separate unit. Units are identified by color coded binders.
- **Core Covering:** Non-hygroscopic dielectric tape fully enclosing the core with an overlap.
- **Jacket**: Virgin black polyethylene.
- **Ripcord:** Under the jacket.

OPTIONAL CONSTRUCTION

- **Armored Cable**: Corrugated steel tape armor applied over an inner polyethylene jacket. The steel tape is 0.15 mm thick coated with a copolymer and applied with an overlap. An outer virgin black polyethylene jacket over the armor.
- **Self-Support Cables**: Per BPO 1252. A 7-strand galvanized steel support wire. Black polyethylene jacket covers both core and support wire in a figure-8 construction.
- **Armored and self-support cables:** Combining both options described above.

ELECTRICAL PROPERTIES

Conductor Size	Max. Average Conductor Resistance @20°C	Min. Insulation Resistance @500VDC	Max. Average Mutual Capacitance (1)	Max. Capacitance Unbalance Pair/Pair (1)
mm	Ω/km	MΩ/km	nF/km	pF/500m
0.40	143	5000	55	250
0.50	91	5000	55	250
0.63	58	5000	56	250
0.90	28	5000	59	250

1. Measured at 800 or 1000 Hz

MARKING

Cables are marked as follows:
Teldor Cables --- Cable Code --- RoHS ---Length in Meters
or per customer request. Fig-8 Self-supported cables do not comply with RoHS.

CABLE PART NUMBERS, DIMENSIONS AND WEIGHTS

See detailed cable list.

ORDERING

According to the cable list. Standard cable lengths vary with pair count. Other constructions, color codes and materials may be available. Please contact the Teldor Cables Marketing Department.

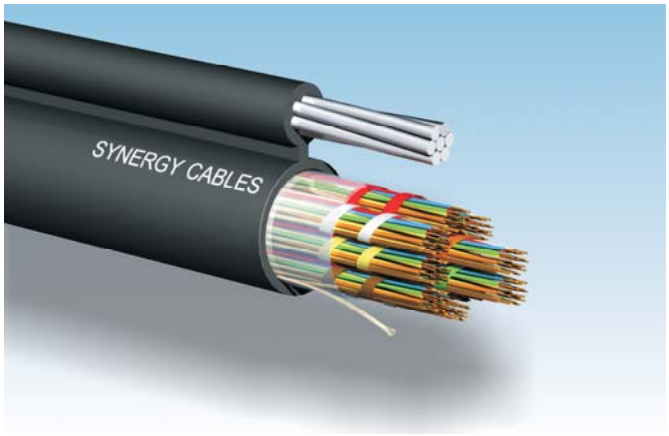
Solid PE Insulated Outdoor Cables – Cable List

Single PE Jacket

Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter Mm	Nominal Weight kg/km
0.4 mm Conductor, 0.75 mm Wire, PE Jacket					
410098-D	10*2*0.4/0.75-B-SO-P-10	10	1.1	9.2	55
410129-D	20*2*0.4/0.75-B-SO-P-10	20	1.2	11.2	95
410153-D	30*2*0.4/0.75-B-SO-P-10	30	1.2	13.0	135
410187-D	50*2*0.4/0.75-B-SO-P-10	50	1.2	15.2	200
410217-D	100*2*0.4/0.75-B-SO-P-10	100	1.3	19.5	370
410241-D	200*2*0.4/0.75-B-SO-P-10	200	1.5	26.5	720
0.5 mm Conductor, 0.90 mm Wire, PE Jacket					
4101554-D	10*2*0.5/0.9-B-SO-P-10	10	1.1	9.0	75
410157-D	20*2*0.5/0.9-B-SO-P-10	20	1.2	13.0	130
410158-D	30*2*0.5/0.9-B-SO-P-10	30	1.2	14.0	190
410159-D	50*2*0.5/0.9-B-SO-P-10	50	1.3	17.0	290
4111471-D	100*2*0.5/0.9-B-SO-P-10	100	1.4	23.0	570
4101601-D	200*2*0.5/0.9-B-SO-P-10	200	1.7	30.0	900
0.63 mm Conductor, 1.15 mm Wire, PE Jacket					
410101-D	10*2*0.63/1.15-B-SO-P-10	10	1.2	12.0	110
410058-D	20*2*0.63/1.15-B-SO-P-10	20	1.2	15.0	200
410161-D	30*2*0.63/1.15-B-SO-P-10	30	1.3	17.0	280
410223-D	50*2*0.63/1.15-B-SO-P-10	50	1.4	21.0	450
410225-D	100*2*0.63/1.15-B-SO-P-10	100	1.4	27.0	850
410250-D	200*2*0.63/1.15-B-SO-P-101	200	2.1	38.0	1650
0.9 mm Conductor, 1.50 mm Wire, PE Jacket					
410170-D	10*2*0.9/1.5-B-SO-P-10	10	1.2	14.0	200
410175-D	20*2*0.9/1.5-B-SO-P-10	20	1.3	18.0	350
410180-D	30*2*0.9/1.5-B-SO-P-10	30	1.4	21.0	530
410209-D	50*2*0.9/1.5-B-SO-P-10	50	1.5	26.0	1000
410212-D	100*2*0.9/1.5-B-SO-P-10	100	2.1	36.0	1670
410214-D	200*2*0.9/1.5-B-SO-P-10	200	2.1	48.0	3050

All cable dimensions and weights are subject to normal manufacturing tolerances.

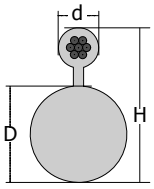
Solid PE Insulated Outdoor Cables – Cable List



Single PE Jacket, Figure-8 Self-Supporting

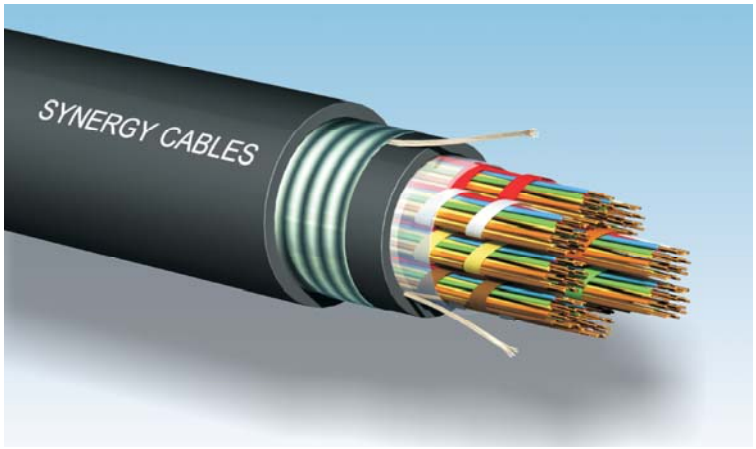
Teldor Part Number	Cable Code	Num. of Pairs	Support Wire Const. mm	Nom. Jacket Thick. mm	Nominal Cable Dimensions (*) d mm	D mm	H mm	Nom. Weight kg/km
0.4 mm Conductor, 0.75 mm Wire, PE Jacket, Fig-8, Self Support								
411000-D	10*2*0.4/0.75-B-SO-P-SS-10	10	7x1.6	1.1	8	8	18	220
411037-D	20*2*0.4/0.75-B-SO-P-SS-10	20	7x1.6	1.2	8	10	20	270
411061-D	30*2*0.4/0.75-B-SO-P-SS-10	30	7x1.6	1.2	8	11	21	290
411094-D	50*2*0.4/0.75-B-SO-P-SS-10	50	7x1.6	1.2	8	14	24	380
411124-D	100*2*0.4/0.75-B-SO-P-SS-10	100	7x1.6	1.3	8	18	28	550
411140-D	200*2*0.4/0.75-B-SO-P-SS-10	200	7x1.6	1.5	8	25	35	880
0.5 mm Conductor, 0.90 mm Wire, PE Jacket, Fig-8, Self Support								
411144-D	10*2*0.5/0.9-B-SO-P-SS-10	10	7x1.6	1.1	8	9	19	240
411145-D	20*2*0.5/0.9-B-SO-P-SS-10	20	7x1.6	1.2	8	12	22	310
411146-D	30*2*0.5/0.9-B-SO-P-SS-10	30	7x1.6	1.2	8	13	23	360
411143-D	50*2*0.5/0.9-B-SO-P-SS-10	50	7x1.6	1.3	8	16	26	470
411147-D	100*2*0.5/0.9-B-SO-P-SS-10	100	7x1.6	1.4	8	22	32	730
4111480-D	200*2*0.5/0.9-B-SO-P-SS-10	200	7x1.6	1.7	10	30	42	1160
0.63 mm Conductor, 1.15 mm Wire, PE Jacket, Fig-8, Self Support								
411019-D	10*2*0.6/1.15-B-SO-P-SS-10	10	7x1.6	1.2	8	10	20	280
411044-D	20*2*0.6/1.15-B-SO-P-SS-10	20	7x1.6	1.2	8	13	23	360
411079-D	30*2*0.6/1.15-B-SO-P-SS-10	30	7x1.6	1.3	8	16	26	450
411108-D	50*2*0.6/1.15-B-SO-P-SS-10	50	7x1.6	1.4	8	19	29	620
411132-D	100*2*0.6/1.15-B-SO-P-SS-10	100	7x2.0	1.5	9	26	37	1060
411135-D	200*2*0.6/1.15-B-SO-P-SS-10	200	7x2.0	2.1	10.5	35	48	1900
0.9 mm Conductor, 1.50 mm wire, PE Jacket, Fig-8, Self Support								
423501-D	10*2*0.9/1.5-B-SO-P-SS-10	10	7x1.6	1.2	8	12	22	340
423502-D	20*2*0.9/1.5-B-SO-P-SS-10	20	7x1.6	1.3	8	16	26	500
423503-D	30*2*0.9/1.5-B-SO-P-SS-10	30	7x1.6	1.3	8	19	29	650
423504-D	50*2*0.9/1.5-B-SO-P-SS-10	50	7x1.6	1.4	9	24	35	1000
423510-D	100*2*0.9/1.5-B-SO-P-SS-10	100	7x2.0	1.5	9	33	45	1700

(*) Self Support dimension definitions:



All cable dimensions and weights are subject to normal manufacturing tolerances.

Solid PE Insulated Outdoor Cables – Cable List

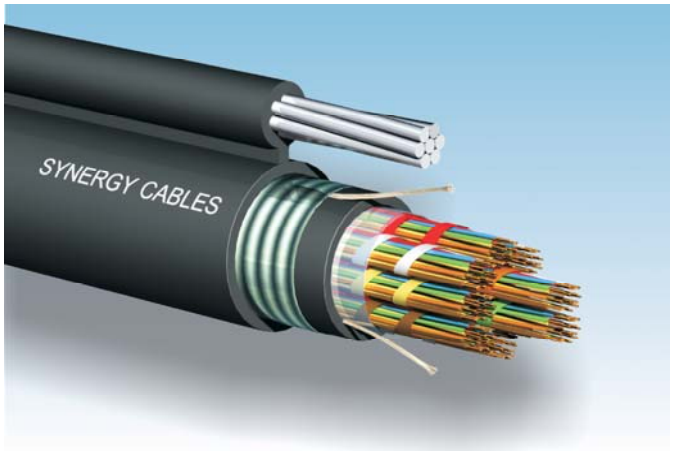


PE inner jacket, Corrugated Steel Armor, PE Outer Jacket

Teldor Part Number	Cable Code	Number of Pairs	Nominal Inner Jacket Thick. mm	Nominal Outer Jacket Thick. mm	Nominal Outer Diameter mm	Nominal Weight kg/km
0.4 mm Conductor, 0.75 mm Wire, Corrugated Steel, PE Jacket						
414010-D	10*2*0.4/0.75-B-SO-PRP- 10	10	1.0	1.2	14.5	140
414020-D	20*2*0.4/0.75-B-SO-PRP-10	20	1.0	1.2	16.5	210
414022-D	30*2*0.4/0.75-B-SO-PRP-10	30	1.1	1.3	18.0	270
414025-D	50*2*0.4/0.75-B-SO-PRP-10	50	1.1	1.3	20.0	360
414030-D	100*2*0.4/0.75-B-SO-PRP-10	100	1.2	1.5	24.0	560
414035-D	200*2*0.4/0.75-B-SO-PRP-10	200	1.3	1.6	31.0	960
0.5 mm Conductor, 0.90 mm Wire, Corrugated Steel, PE Jacket						
4111445-D	10*2*0.5/0.9-B-SO-PRP-10	10	1.0	1.2	14.5	175
4111446-D	20*2*0.5/0.9-B-SO-PRP-10	20	1.1	1.3	16.5	250
4111448-D	30*2*0.5/0.9-B-SO-PRP-10	30	1.1	1.3	19.0	330
4111450-D	50*2*0.5/0.9-B-SO-PRP-10	50	1.2	1.5	22.0	460
4111453-D	100*2*0.5/0.9-B-SO-PRP-10	100	1.3	1.6	28.0	800
4111457-D	200*2*0.5/0.9-B-SO-PRP-10	200	1.3	1.6	36.0	1360
0.63 mm Conductor, 1.15 mm Wire, Corrugated Steel, PE Jacket						
415012-D	10*2*0.63/1.15-B-SO-PRP-10	10	1.0	1.2	16.5	220
4150120-D	20*2*0.63/1.15-B-SO-PRP-10	20	1.1	1.3	20.0	360
4150122-D	30*2*0.63/1.15-B-SO-PRP-10	30	1.1	1.3	22.0	460
4150124-D	50*2*0.63/1.15-B-SO-PRP-10	50	1.2	1.5	26.0	680
4150125-D	100*2*0.63/1.15-B-SO-PRP-10	100	1.3	1.6	31.0	1100
4150127-D	200*2*0.63/1.15-B-SO-PRP-10	200	1.4	1.8	41.0	2000
0.9 mm Conductor, 1.50 mm Wire, Corrugated Steel, PE Jacket						
410172-D	10*2*0.9/1.5-B-SO-PRP-10	10	1.1	1.3	18.0	300
414165-D	20*2*0.9/1.5-B-SO-PRP-10	20	1.1	1.3	22.0	500
415220-D	30*2*0.9/1.5-B-SO-PRP-10	30	1.3	1.6	26.0	660
415222-D	50*2*0.9/1.5-B-SO-PRP-10	50	1.3	1.6	30.5	1000
415225-D	100*2*0.9/1.5-B-SO-PRP-10	100	1.5	2.0	40.0	1900
415230-D	200*2*0.9/1.5-B-SO-PRP-10	200	1.7	2.2	51.5	3500

All cable dimensions and weights are subject to normal manufacturing tolerances.

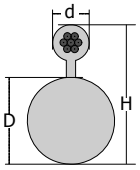
Solid PE Insulated Outdoor Cables – Cable List



PE inner jacket, Corrugated Steel Armor, Figure-8 Self-Supporting, PE Outer Jacket

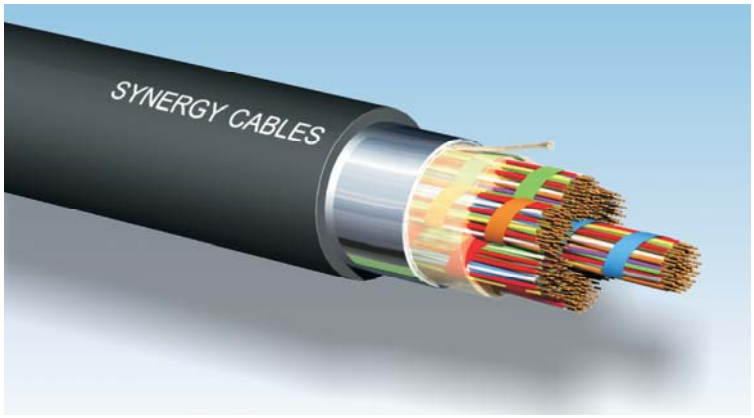
Teldor Part Number	Cable Code	No. of Pairs	Support Wire Const. (mm)	Nom. Inner Jacket Thick. (mm)	Nom. Outer Jacket Thick. (mm)	Nominal Cable Dimensions (*)			Nom. Weight (kg/km)
						D mm	D mm	H mm	
0.4 mm Conductor, 0.75 mm Wire, Corrugated Steel, Fig-8, Self Support, PE Jacket									
415010-D	10*2*0.4/0.75-B-SO-PRP-SS-10	10	7x1.6	1.0	1.2	8	13	23	330
415020-D	20*2*0.4/0.75-B-SO-PRP-SS-10	20	7x1.6	1.0	1.2	8	15	25	370
415030-D	30*2*0.4/0.75-B-SO-PRP-SS-10	30	7x1.6	1.1	1.3	8	16	26	410
415102-D	50*2*0.4/0.75-B-SO-PRP-SS-10	50	7x1.6	1.1	1.3	8	18	28	500
415104-D	100*2*0.4/0.75-B-SO-PRP-SS-10	100	7x1.6	1.2	1.5	8	22	31	700
415105-D	200*2*0.4/0.75-B-SO-PRP-SS-10	200	7x2.0	1.2	1.6	10	28	39	1150
0.5 mm Conductor, 0.90 mm Wire, Corrugated Steel, Fig-8, Self Support, PE Jacket									
411142-D	10*2*0.5/0.9-B-SO-PRP-SS-10	10	7x1.6	1.0	1.2	8	13	23	360
411141-D	20*2*0.5/0.9-B-SO-PRP-SS-10	20	7x1.6	1.1	1.3	8	15	25	430
4111447-D	30*2*0.5/0.9-B-SO-PRP-SS-10	30	7x1.6	1.1	1.3	8	17	27	510
411155-D	50*2*0.5/0.9-B-SO-PRP-SS-10	50	7x1.6	1.2	1.5	8	20	30	650
411157-D	100*2*0.5/0.9-B-SO-PRP-SS-10	100	7x2.0	1.3	1.6	8	27	38	1100
411159-D	200*2*0.5/0.9-B-SO-PRP-SS-10	200	7x2.0	1.3	1.6	10	34	46	1670
0.63 mm Conductor, 1.15 mm Wire, Corrugated Steel, Fig-8, Self Support, PE Jacket									
415011-D	10*2*0.63/1.15-B-SO-PRP-SS-10	10	7x1.6	1.0	1.2	8	15	25	400
415014-D	20*2*0.63/1.15-B-SO-PRP-SS-10	20	7x1.6	1.1	1.3	8	18	28	500
415016-D	30*2*0.63/1.15-B-SO-PRP-SS-10	30	7x1.6	1.1	1.3	8	21	31	610
415013-D	50*2*0.63/1.15-B-SO-PRP-SS-10	50	7x2.0	1.2	1.5	8	25	36	970
415018-D	100*2*0.63/1.15-B-SO-PRP-SS-10	100	7x2.0	1.3	1.6	8	31	42	1320
415019-D	200*2*0.63/1.15-B-SO-PRP-SS-10	200	7x2.0	1.7	2.0	10	42	54	2400
0.9 mm Conductor, 1.50 mm Wire, Corrugated Steel, Fig-8, Self Support, PE Jacket									
415110-D	10*2*0.9/1.5-B-SO-PRP-SS-10	10	7x1.6	1.1	1.3	8	18	28	500
415112-D	20*2*0.9/1.5-B-SO-PRP-SS-10	20	7x1.6	1.1	1.3	8	22	32	720
415114-D	30*2*0.9/1.5-B-SO-PRP-SS-10	30	7x2.0	1.3	1.6	8	26	37	940
415117-D	50*2*0.9/1.5-B-SO-PRP-SS-10	50	7x2.0	1.3	1.6	8	31	43	1350
415119-D	100*2*0.9/1.5-B-SO-PRP-SS-10	100	7x2.0	1.4	1.9	8	38	50	2270

(*) Self Support dimension definitions:



All cable dimensions and weights are subject to normal manufacturing tolerances.

Thin-Wall Cellular PE Insulated Outdoor Cables



GENERAL DESCRIPTION AND APPLICATION

- Cellular polyethylene thin wall insulated air core cables with moisture barrier and polyethylene outer jacketed.
- Designed for use as a duct cable in access or trunk networks.

STANDARDS

- IEC 60708-1
- BT Specification CW 1224
- BEZEQ 0818

CONSTRUCTION

- **Conductors:** Solid annealed bare copper, 0.4, 0.5, 0.63 or 0.9 mm, with a cellular polyethylene insulation.
- **Pairs:** Insulated conductors are twisted into pairs with varying lays to minimize crosstalk. Standard color code is per IEC 60708-1 Teldor Cables color code 10). Other codes are available.
- **Cable Core Assembly:** Cables with 100 pairs or less are composed of 10-pair units; cables with over 100 pairs are composed of 25-pair units. Cables over 200 pairs are made of units of 25, 50 or 100 pairs cabled together. Any extra pairs form a separate unit. Units are identified by color coded binders.
- **Core Covering:** Non-hygroscopic dielectric tape is fully enclosing the core with an overlap
- **Moisture Barrier**: Longitudinally applied, copolymer coated, electrically continuous 0.15 mm thick aluminum foil, with sealed overlapping edges, preventing moisture from entering the cable core.
- **Jacket**: Virgin black polyethylene.
- **Ripcord:** Under the jacket.

ELECTRICAL PROPERTIES

Conductor Size	Max. Average Conductor Resistance @20°C	Min. Insulation Resistance @500VDC	Max. Average Mutual Capacitance (1)	Max. Capacitance Unbalance Pair/ Pair (1)
mm	Ω/km	MΩ/km	nF/km	pF/500m
0.40	143	6500	53	250
0.50	91	6500	53	250
0.63	58	6500	56	250
0.90	28	6500	59	250

1. Measured at 800 or 1000 Hz

MARKING

Cables are marked as follows:
Teldor Cables --- Cable Code --- RoHS ---Length in Meters
or per customer request.

PRESSURIZATION

The cables are delivered under a pressure of 10±1 psi.

CABLE PART NUMBERS, DIMENSIONS AND WEIGHTS

See detailed cable list.

ORDERING

According to the cable list. Standard cable lengths vary with pair count. Other constructions, color codes and materials may be available. Please contact the Teldor Cables Marketing Department.

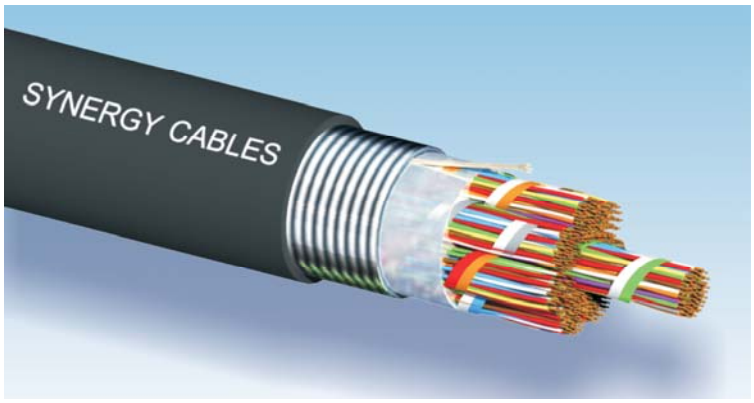
Thin-Wall Cellular PE Insulated Outdoor Cables

Cable List

Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter mm	Nominal Weight kg/km
0.4 mm Conductor, 0.68 mm Wire, Al Moisture Barrier, PE Jacket.					
422063-D	100*2*0.4/0.68-B-CE-AP-10	100	1.6	19.0	380
422071-D	200*2*0.4/0.68-B-CE-AP-10	200	1.8	24.5	700
422080-D	300*2*0.4/0.68-B-CE-AP-10	300	1.9	28.5	1009
422089-D	400*2*0.4/0.68-B-CE-AP-10	400	1.9	32.0	1300
422092-D	500*2*0.4/0.68-B-CE-AP-10	500	2.1	35.0	1550
422097-D	600*2*0.4/0.68-B-CE-AP-10	600	2.1	38.0	1900
422105-D	800*2*0.4/0.68-B-CE-AP-10	800	2.3	43.0	2490
422113-D	1000*2*0.4/0.68-B-CE-AP-10	1000	2.4	48.0	3075
422121-D	1200*2*0.4/0.68-B-CE-AP-10	1200	2.5	51.5	3660
422122-D	1400*2*0.4/0.68-B-CE-AP-10	1400	2.6	55.0	4235
422123-D	1600*2*0.4/0.68-B-CE-AP-10	1600	2.6	58.5	4818
422129-D	2000*2*0.4/0.68-B-CE-AP-10	2000	2.7	64.5	5980
0.5 mm Conductor, 0.82 mm Wire, Al Moisture Barrier, PE Jacket.					
422265-D	100*2*0.5/0.82-B-CE-AP-10	100	1.8	22.0	540
422272-D	200*2*0.5/0.82-B-CE-AP-10	200	1.9	29.0	1000
422275-D	300*2*0.5/0.82-B-CE-AP-10	300	2.0	33.5	1500
422279-D	400*2*0.5/0.82-B-CE-AP-10	400	2.1	38.5	1944
422288-D	600*2*0.5/0.82-B-CE-AP-10	600	2.3	45.5	2800
422297-D	800*2*0.5/0.82-B-CE-AP-10	800	2.4	52.0	3743
422299-D	1000*2*0.5/0.82-B-CE-AP-10	1000	2.5	57.0	4450
422311-D	1200*2*0.5/0.82-B-CE-AP-10	1200	2.7	62.0	5460
422315-D	1600*2*0.5/0.82-B-CE-AP-10	1600	2.8	71.0	7060
0.63 mm Conductor, 0.98 mm Wire, Al Moisture Barrier, PE Jacket.					
422451-D	100*2*0.63/0.98-B-CE-AP-10	100	1.9	25.5	785
422459-D	200*2*0.63/0.98-B-CE-AP-10	200	2.0	34.5	1490
422455-D	300*2*0.63/0.98-B-CE-AP-10	300	2.1	39.5	2200
422477-D	400*2*0.63/0.98-B-CE-AP-10	400	2.1	45.5	2890
422485-D	600*2*0.63/0.98-B-CE-AP-10	600	2.5	54.0	4235
422493-D	800*2*0.63/0.98-B-CE-AP-10	800	2.6	61.5	5590
422465-D	1000*2*0.63/0.98-B-CE-AP-10	1000	2.8	67.0	6800
422467-D	1200*2*0.63/0.98-B-CE-AP-10	1200	2.9	73.0	8100
0.9 mm Conductor, 1.35 mm Wire, Al Moisture Barrier, PE Jacket.					
422474-D	100*2*0.9/1.35-B-CE-AP-10	100	2.0	34.0	1515
422472-D	200*2*0.9/1.35-B-CE-AP-10	200	2.2	45.5	2935
422476-D	400*2*0.9/1.35-B-CE-AP-10	400	2.6	63.0	5700

All cable dimensions and weights are subject to normal manufacturing tolerances.

ALPETH Fully Filled Foam-Skin Insulated Outdoor Cables per GR-421



GENERAL DESCRIPTION AND APPLICATION

- Petroleum Jelly filled, foam-skin polyethylene insulated cables with moisture barrier and polyethylene outer jacketed.
- Designed for use as duct or directly-buried cables in access or trunk networks.

STANDARDS

- Telcordia (Bellcore) specification GR-421
- ANSI/ICEA-S-84-608-2002

CONSTRUCTION

- **Conductors**: Solid annealed bare copper, 0.4, 0.5 or 0.63 mm (26, 24 and 22 AWG respectively), with a composite polyethylene insulation made of an inner cellular layer and an outer solid skin.
- **Pairs**: Insulated conductors are twisted into pairs with varying lays to minimize crosstalk. Standard color code is per Telcordia GR-421 and IEC 60708-1 (Teldor Cables color code 10). Other codes are available.
- **Cable Core Assembly:** Cables with up to 400 pairs are composed of 25-pair units or 12/13-pair units; cables with over 400 pairs are composed of 50 or 100-pair units. Any extra pairs form a separate unit. Units are identified by color coded binders.
- **Filling:** All the core interstices are filled with 80 Deg C filling compound for a full protection against water penetration.
- **Core Covering:** Non-hygroscopic dielectric tape fully enclosing the core with an overlap.
- **Shield:** Longitudinally applied electrically continuous 0.20 mm thick aluminum tape with overlapping edges. In cables with more than 200 pairs the aluminum tape is corrugated for improved cable flexibility.
- **Jacket:** Virgin black polyethylene.
- **Ripcord:** Under the jacket.

ELECTRICAL AND TRANSMISSION PROPERTIES

See Properties Table next page.

MECHANICAL AND ENVIRONMENTAL PROPERTIES

Per Telcordia GR-421.

- Temperature range: -10°C to +70°C.
- Water Penetration: Complies with Telcordia GR-421.

MARKING

Cables are marked as follows:
Teldor Cables --- Cable Code --- RoHS ---Length in Meters
or per customer request.

CABLE PART NUMBERS, DIMENSIONS AND WEIGHTS

See detailed cable list.

ORDERING

According to the cable list. Standard cable lengths vary with pair count. Other constructions, color codes and materials may be available. Please contact the Teldor Cables Marketing Department.

ALPETH Fully Filled Foam-Skin Insulated Outdoor Cables per GR-421 - *Electrical and Transmission Properties*

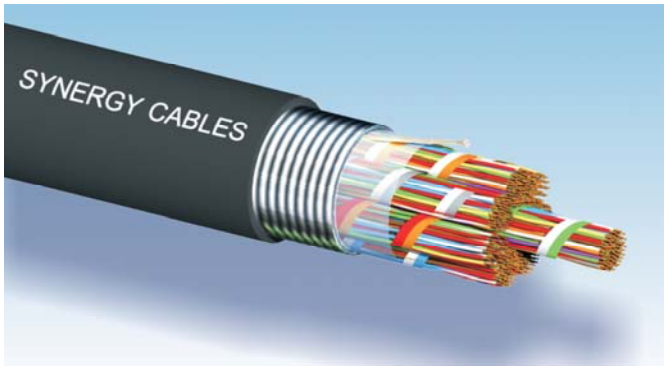
	Unit	0.4 mm	0.5 mm	0.6 mm
Max. Average DC Resistance	Ω/km	140	87	55
Max. Individual DC Resistance	Ω/km	144	90	57
Max. Average Resistance Unbalance	%	1.5		
Max. Individual Resistance Unbalance	%	5		
Average Mutual Capacitance	nF/km	48.5 – 54		
Max. Individual Mutual Capacitance	nF/km	57		
Max. Individual Capacitance Unbalance - pair-to-pair	pF/km	145		
Capacitance Unbalance RMS - pair-to-pair	pF/km	45		
Max. Ind. Capacitance Unbalance - pair-to-ground	pF/km	2625		
Max. Ave. Capacitance Unbalance - pair-to-ground	pF/km	574		
Attenuation @ 772 kHz	dB/km	24.3	19.4	15.4
Min. EL Far-End Cross-talk – Mean Power Sum				
@ 772 kHz	dB/305m	47	49	49
@ 1.6 MHz		41	42	43
@ 3.15 MHz		35	37	37
@ 6.3 MHz		29	31	31
Min. Far-end Cross-talk – Worst Pair Power Sum				
@ 772 kHz	dB/305m	43		
@ 1.6 MHz		37		
@ 3.15 MHz		31		
@ 6.3 MHz		25		
Min. Near-end Cross talk – Mean Power sum				
@ 772 kHz	dB/305m	47		
@ 1.6 MHz		43		
@ 3.15 MHz		38		
@ 6.3 MHz		34		
Min. Near-end Cross talk – Worst Pair Power sum				
@ 772 kHz	dB/305m	42		
@ 1.6 MHz		38		
@ 3.15 MHz		33		
@ 6.3 MHz		29		
Insulation Resistance	GΩ/km	1.6		

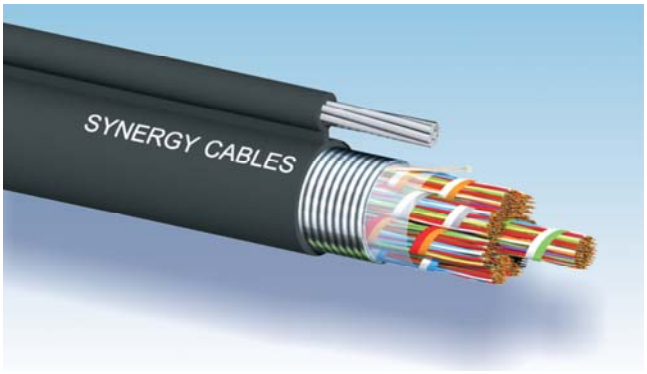
ALPETH Fully Filled Foam-Skin Insulated Outdoor Cables per GR-421 - Cable List

Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter mm	Nominal Weight kg/km
0.4 mm Conductor, 0.75 mm Wire, Jelly Filled, Al Moisture Barrier, PE Jacket					
424020-D	20*2*0.4/0.75-B-FS-AP-G-10	20	1.8	12.5	125
424025-D	25*2*0.4/0.75-B-FS-AP-G-10	25	1.8	13.5	150
424030-D	30*2*0.4/0.75-B-FS-AP-G-10	30	1.8	14.0	200
424050-D	50*2*0.4/0.75-B-FS-AP-G-10	50	1.8	16.5	280
424060-D	100*2*0.4/0.75-B-FS-AP-G-10	100	1.8	21.0	450
424070-D	200*2*0.4/0.75-B-FS-AP-G-10	200	1.9	27.0	840
424075-D	300*2*0.4/0.75-B-FS-AP-G-10	300	2.0	32.0	1205
424085-D	400*2*0.4/0.75-B-FS-AP-G-10	400	2.0	35.5	1670
424105-D	600*2*0.4/0.75-B-FS-AP-G-10	600	2.2	42.0	2430
424110-D	800*2*0.4/0.75-B-FS-AP-G-10	800	2.3	48.0	3155
424135-D	900*2*0.4/0.75-B-FS-AP-G-10	900	2.3	50.5	3480
424140-D	1000*2*0.4/0.75-B-FS-AP-G-10	1000	2.4	53.0	3930
424145-D	1200*2*0.4/0.75-B-FS-AP-G-10	1200	2.6	57.0	4870
424160-D	1500*2*0.4/0.75-B-FS-AP-G-10	1500	2.7	63.5	5830
424165-D	1600*2*0.4/0.75-B-FS-AP-G-10	1600	2.7	65.5	6285
424180-D	1800*2*0.4/0.75-B-FS-AP-G-10	1800	2.8	69.0	7000
424200-D	2000*2*0.4/0.75-B-FS-AP-G-10	2000	2.9	72.0	7660
424220-D	2100*2*0.4/0.75-B-FS-AP-G-10	2100	2.9	74.0	8025
424240-D	2400*2*0.4/0.75-B-FS-AP-G-10	2400	3.0	79.0	9025
0.5 mm conductor, 0.90 mm Wire, Jelly Filled, Al Moisture Barrier, PE Jacket					
41100605-D	200*2*0.5/0.9-B-FS-AP-G-10	200	1.7	31.0	1245
424336-D	300*2*0.5/0.9-B-FS-AP-G-10	300	1.7	38.0	1845
424442-D	400*2*0.5/0.9-B-FS-AP-G-10	400	1.8	43.0	2490
425105-D	600*2*0.5/0.9-B-FS-AP-G-10	600	1.8	50.0	3650
424120-D	800*2*0.5/0.9-B-FS-AP-G-10	800	1.8	56.5	4810
424121-D	900*2*0.5/0.9-B-FS-AP-G-10	900	1.9	59.0	5300
424147-D	1200*2*0.5/0.9-B-FS-AP-G-10	1200	1.9	69.0	7210
424148-D	1600*2*0.5/0.9-B-FS-AP-G-10	1600	2.0	77.0	9280
0.63 mm conductor, 1.25 mm Wire, Jelly Filled, Al Moisture Barrier, PE Jacket					
421050-D	10*2*0.65/1.25-B-FS-AP-G-10	10	1.2	13.5	160
421052-D	20*2*0.65/1.25-B-FS-AP-G-10	20	1.2	16.5	260
421054-D	30*2*0.65/1.25-B-FS-AP-G-10	30	1.2	19.0	360
421062-D	200*2*0.65/1.25-B-FS-AP-G-10	200	1.2	40.5	2025
421064-D	300*2*0.65/1.25-B-FS-AP-G-10	300	1.4	48.0	3025
421066-D	400*2*0.65/1.25-B-FS-AP-G-10	400	1.5	55.0	4025
421068-D	600*2*0.65/1.25-B-FS-AP-G-10	600	1.6	66.0	5925
421072-D	900*2*0.65/1.25-B-FS-AP-G-10	900	1.6	79.0	8800
421075-D	1200*2*0.65/1.25-B-FS-AP-G-10	1200	1.8	90.0	11400

All cable dimensions and weights are subject to normal manufacturing tolerances.

ALPETH Air-Core PE Insulated Outdoor Cables per GR-421





GENERAL DESCRIPTION AND APPLICATION

- Air-core, solid polyethylene insulated cables with moisture barrier and polyethylene outer jacket.
- Designed for use in duct or aerial installation in the lashing technique, or for direct-burial applications.
- For use in access or trunk networks.

STANDARDS

- Telcordia (Bellcore) specification GR-421
- ANSI/ICEA-S-84-608-2002

CONSTRUCTION

- **Conductors:** Solid annealed bare copper, 0.4, 0.5 or 0.63 (26, 24 or 22 AWG respectively), with a solid polyethylene insulation.
- **Pairs:** Insulated conductors are twisted into pairs with varying lays to minimize crosstalk. Standard color code is per Telcordia GR-421 (Teldor Cables color code 10). Other codes are available.
- **Cable Core Assembly:** Cables with up to 400 pairs are composed of 25-pair units or 12/13-pair units; cables with over 400 pairs are composed of 50 or 100-pair units. Any extra pairs form a separate unit. Units are identified by color coded binders.
- **Core Covering:** Non-hygroscopic dielectric tape fully enclosing the core with an overlap.
- **Shield**: Longitudinally applied electrically continuous aluminum tape with overlapping edges. In cables with more than 200 pairs the aluminum tape is corrugated for improved cable flexibility.
- **Jacket**: Virgin black polyethylene.
- **Ripcord:** Under the jacket.

ELECTRICAL AND TRANSMISSION PROPERTIES

See electrical properties Table next page.

MECHANICAL AND ENVIRONMENTAL PROPERTIES

Per Telcordia GR-421

- Temperature range: -10°C to +70°C.
- Water Penetration: Complies with Telcordia GR-421.

MARKING

Cables are marked as follows:
Teldor Cables --- Cable Code --- RoHS ---Length in Meters
or per customer request.

CABLE PART NUMBERS, DIMENSIONS AND WEIGHTS

See detailed cable list.

ORDERING

According to the cable list. Standard cable lengths vary with pair count. Other constructions, color codes and materials may be available. Please contact the Teldor Cables Marketing Department.

ALPETH Air-Core PE Insulated Outdoor Cables per GR-421, Electrical and Transmission Properties

	Unit	0.4 mm	0.5 mm	0.6 mm
Max. Average DC Resistance	Ω/km	140	87	55
Max. Individual DC Resistance	Ω/km	144	90	57
Max. Average Resistance Unbalance	%	1.5		
Max. Individual Resistance Unbalance	%	5		
Average Mutual Capacitance	nF/km	48.5 – 54		
Max. Individual Mutual Capacitance	nF/km	57		
Max. Individual Capacitance Unbalance - pair-to-pair	pF/km	145		
Capacitance Unbalance RMS - pair-to-pair	pF/km	45		
Max. Ind. Capacitance Unbalance - pair-to-ground	pF/km	2625		
Max. Ave. Capacitance Unbalance - pair-to-ground	pF/km	574		
Attenuation @ 772 kHz	dB/km	24.3	19.4	15.4
Min. EL Far-End Cross-talk – Mean Power Sum				
@ 150 kHz	dB/305m	61	63	63
@ 772 kHz		47	49	49
@ 1.6 MHz		41	42	43
@ 3.15 MHz		35	37	37
@ 6.3 MHz		29	31	31
Min. Far-end Cross-talk – Worst Pair Power Sum				
@ 772 kHz	dB/305m	43		
@ 1.6 MHz		37		
@ 3.15 MHz		31		
@ 6.3 MHz		25		
Min. Near-end Cross talk – Mean Power sum				
@ 772 kHz	dB/305m	47		
@ 1.6 MHz		43		
@ 3.15 MHz		38		
@ 6.3 MHz		34		
Min. Near-end Cross talk – Worst Pair Power sum				
@ 772 kHz	dB/305m	42		
@ 1.6 MHz		38		
@ 3.15 MHz		33		
@ 6.3 MHz		29		
Insulation Resistance	GΩ/km	1.6		

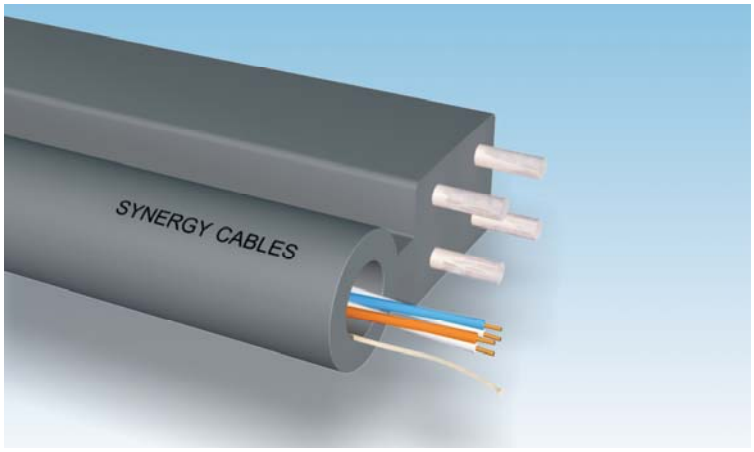
Air-Core PE Insulated Outdoor Cables per GR-421

Cable List

Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter mm	Nominal Weight kg/km
0.4 mm Conductor, 0.75 mm Wire, Air-Core PE Insulated				
50*2*0.4/0.75-B-SO-AP-10	50	1.5	16.0	230
100*2*0.4/0.75-B-SO-AP-10	100	1.7	20.0	410
200*2*0.4/0.75-B-SO-AP-10	200	1.7	27.0	750
300*2*0.4/0.75-B-SO-AP-10	300	1.8	32.0	1100
400*2*0.4/0.75-B-SO-AP-10	400	1.9	36.0	1420
600*2*0.4/0.75-B-SO-AP-10	600	2.1	42.0	2000
900*2*0.4/0.75-B-SO-AP-10	900	2.2	51.0	2920
1200*2*0.4/0.75-B-SO-AP-10	1200	2.4	57.0	3900
2000*2*0.4/0.75-B-SO-AP-10	2000	2.5	72.0	6350
0.5 mm conductor, 0.90 mm Wire, Air-Core PE Insulated				
50*2*0.5/0.9-B-SO-AP-10	50	1.5	18.5	330
100*2*0.5/0.9-B-SO-AP-10	100	1.7	24.0	590
200*2*0.5/0.9-B-SO-AP-10	200	1.7	31.5	1100
300*2*0.5/0.9-B-SO-AP-10	300	1.7	38.0	1620
400*2*0.5/0.9-B-SO-AP-10	400	1.8	42.6	2120
600*2*0.5/0.9-B-SO-AP-10	600	2.0	51.0	3120
900*2*0.5/0.9-B-SO-AP-10	900	2.2	60.5	4580
1200*2*0.5/0.9-B-SO-AP-10	1200	2.4	69.5	6070
1600*2*0.5/0.9-B-SO-AP-10	1600	2.5	77.0	7700
0.63 mm conductor, 1.15 mm Wire, Air-Core PE Insulated				
50*2*0.63/1.15-B-SO-AP-10	50	1.5	21.5	450
200*2*0.63/1.15-B-SO-AP-10	200	1.7	38.0	1600
300*2*0.63/1.15-B-SO-AP-10	300	1.7	45.0	2350
400*2*0.63/1.15-B-SO-AP-10	400	1.8	51.0	3100
600*2*0.63/1.15-B-SO-AP-10	600	1.9	61.0	4570
900*2*0.63/1.15-B-SO-AP-10	900	2.1	74.0	6780
1200*2*0.63/1.15-B-SO-AP-10	1200	2.2	83.5	8960

All cable dimensions and weights are subject to normal manufacturing tolerances.

Outdoor PE-Insulated Drop Cables



GENERAL DESCRIPTION AND APPLICATION

- Multipair unshielded, telecommunications self-supported drop cables with integrated glass yarn reinforced suspension element
- For telephone or low bandwidth drops to customer premises.

STANDARDS

- BEZEQ 742 and 842
- UL 1581 VW-1 or IEC 60332-1

CONSTRUCTION

- **Conductors:** Solid annealed copper, 0.5 mm diameter, with polyethylene insulation.
- **Pairs:** Insulated conductors are twisted into pairs with varying lays to minimize crosstalk. Standard color code is per Teldor Cables color code 10. Other color codes are available.
- **Jacket**: Gray UV-resistant, flame retardant PVC.
- **Ripcord:** Under the jacket.
- **Suspension Element**: Glass yarn reinforced co-extruded with the cable jacket. Nominal dimensions: 7x5 mm.
- **Cable Structure**: See drawing

MECHANICAL PROPERTIES

There is no slippage between the fiberglass and the encapsulating PVC when suspended by appropriate clamps for 48 hours under tensile load of 120 kg. The clamps are sold separately (see below).

ELECTRICAL PROPERTIES

Conductor Size	0.50	mm
Max. Average Conductor Resistance @20°C	96	Ω/km
Min. Insulation Resistance @ 500VDC	1000	MΩ/km
Max. Average Mutual Capacitance @ 800 Hz	50	nF/km
Max. Capacitance Unbalance Pair/ Pair	250	pF/500m

MARKING

Cables are marked as follows:
Teldor Cables --- Cable Code --- RoHS ---Length in m
or per customer requirement.

FLAME RETARDANCY

Cables meet the following flame retardancy standards:

- IEC 60332-1
- UL 1581 VW-1

CABLE PART NUMBERS, DIMENSIONS AND WEIGHTS

See detailed cable list.

ORDERING

According to the cable list. The cables are normally supplied in coils depending on pair count. Other constructions, color codes and materials may be available. Please contact the Teldor Cables Marketing Department.

Outdoor PE-Insulated Drop Cables

CLAMPS

Special clamps are available to properly clamp and support the Drop cable. The clamps meet Bezeq specification 886 (see drawing). The clamps are available from Teldor Cables under Teldor Cables part number 490007-D.

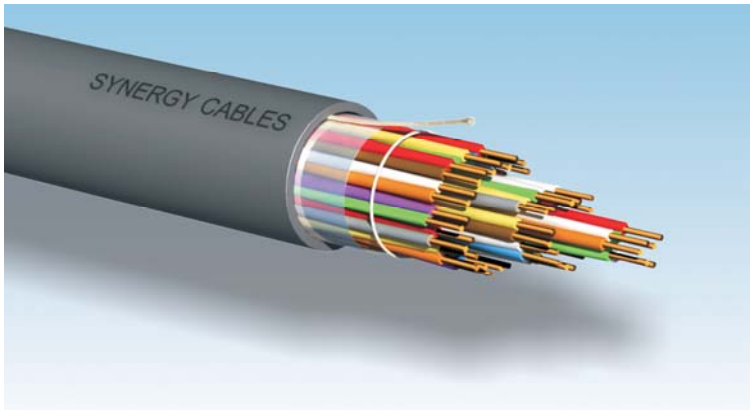
Assembly instructions for this clamp can be seen under Support in the Teldor Cables website.

Cable Part Numbers and Information

Teldor Part Number	Cable Code	Nominal Dimension mm	Nominal Cable Diameter mm	Nominal Weight kg/km
407002-D	2*2*0.5/1.20-B-SO-J-V	13x5	5.0	92
4070042-D	4*2*0.5/1.20-B-SO-J-V	13.5x5	5.5	105
407004-D	5*2*0.5/1.20-B-SO-J-V	13.5x5	5.5	114

All cable dimensions and weights are subject to normal manufacturing tolerances.

PE-Insulated U/UTP Category-3 Indoor/Outdoor Cables



GENERAL DESCRIPTION AND APPLICATION

- Solid polyethylene insulated unshielded twisted pair (U/UTP) cables with PVC or HFFR outer jacket.
- Designed for indoor or outdoor use and medium frequency data or telephone systems.

STANDARDS

- TIA/EIA-568B
- IEC 61156-4
- UL-444

CONSTRUCTION

- **Conductors:** Solid annealed bare copper, 0.5 mm (24 AWG), with a solid polyethylene insulation.
- **Pairs:** Insulated conductors are twisted into pairs with varying lays to minimize crosstalk. Standard color code is Teldor Cable Color Code 25. Other codes may be available.
- **Cable Core Assembly:** The 50-pair cable is composed of 4 units having 12 or 13 pairs each. All other cables are composed of 25-pair units. Units are identified by color coded binders.
- **Core Covering:** Non-hygroscopic dielectric tape fully enclosing the core with an overlap.
- **Ripcord:** Under the jacket.
- **Jacket**: Virgin black polyethylene, PVC or HFFR.

ELECTRICAL AND TRANSMISSION PROPERTIES

See properties table next page.

MECHANICAL AND ENVIRONMENTAL PROPERTIES

Per EIA/TIA-568B and UL-444.

When used outdoor, care must be taken to prevent water and excessive humidity from entering the cable.

FLAME RETARDANCY

Meets customer's request per either one of the following standards:

- IEC 60332-1
- UL 1581 VW-1

MARKING

Cables are marked as follows:
Teldor Cables --- Cable Code --- RoHS ---Length in Meters
or per customer request.

CABLE PART NUMBERS, DIMENSIONS AND WEIGHTS

See detailed cable list.

ORDERING

According to the cable list. Standard cable lengths vary with pair count. Other constructions, color codes and materials may be available. Please contact the Teldor Cables Marketing Department.

PE-Insulated U/UTP Category-3 Indoor/Outdoor Cables

Electrical and Transmission Properties

		Specification	Unit
Max DC Resistance		9.38	Ω/100m
Max Resistance Unbalance		5	%
Max Capacitance Unbalance - pair-to-ground @ 1kHz		330	pF/100m
Characteristic Impedance @ 1-16 MHz		85 - 115	Ω
Min worst pair Structural Return Loss (SRL):			
	Up to 10 MHz	12	dB
	Between 10 and 16 MHz	10	dB
Max Attenuation at 20°C	@ 64 kHz	0.9	dB/100m
	@ 256 kHz	1.3	
	@ 512 kHz	1.8	
	@ 772 kHz	2.2	
	@ 1 MHz	2.6	
	@ 4 MHz	5.6	
	@ 8 MHz	8.5	
	@ 10 MHz	9.7	
	@ 16 MHz	13.1	
Min worst pair to pair NEXT Loss	@ 772 kHz	43	dB
	@ 1 MHz	41	
	@ 4 MHz	32	
	@ 8 MHz	28	
	@ 10 MHz	26	
	@ 16 MHz	23	
Min Relative Velocity of Propagation @ 10 MHz		0.585	

1. All values measured at 20°C.
2. Requirements as per IEC-61156-4

PE-Insulated U/UTP Category-3 Indoor/Outdoor Cables

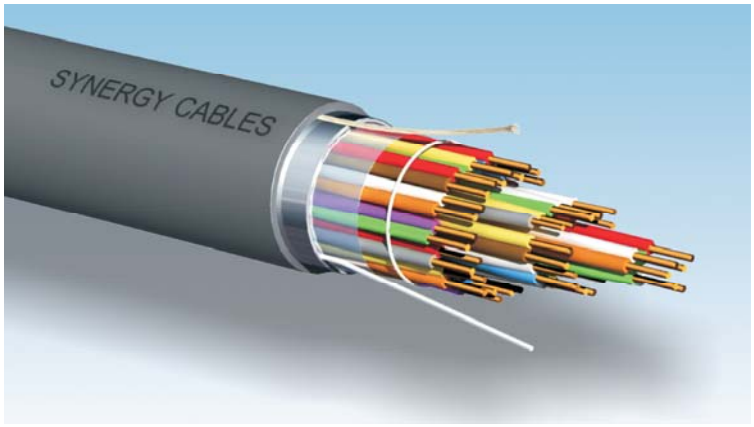
Cable List

Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Maximum Outer Diameter mm	Nominal Weight kg/km
PVC Jacket, Indoor					
4101625-D	10*2*0.5/0.9-B-SO-V-C3	10	0.9	9.5	77
410165-D	25*2*0.5/0.9-B-SO-V-C3	25	0.9	12.5	155
407685-D	50*2*0.5/0.9-B-SO-V-C3	50	1.0	17.0	260
407690-D	100*2*0.5/0.9-B-SO-V-C3	100	1.1	21.5	530
407697-D	200*2*0.5/0.9-B-SO-V-C3	200	1.2	29.5	1100
4101663-D	300*2*0.5/0.9-B-SO-V-C3	300	1.3	33.5	1550
HFFR Jacket, Indoor & Outdoor (*)					
4076860-D	10*2*0.5/0.91-B-SO-H-C3	10	0.9	10.0	80
4076830-D	20*2*0.5/0.9-B-SO-H-C3	25	0.9	14.0	150
4076880-D	30*2*0.5/0.9-B-SO-H-C3	30	0.9	15.0	180
407694-D	50*2*0.5/0.9-B-SO-H-C3	50	1.1	16.5	280
4076916-D	100*2*0.5/0.9-B-SO-H-C3	100	1.4	21.5	530
4076914-D	200*2*0.5/0.9-B-SO-H-C3	200	1.7	30.0	900
40769210-D	300*2*0.5/0.9-B-SO-H-C3	300	1.7	36.0	1300
PVC Jacket, Outdoor (*)					
4101555-D	10*2*0.5/0.9-B-SO-P-C3	10	0.9	9.5	80
4101565-D	25*2*0.5/0.9-B-SO-P-C3	25	0.9	13.0	150
4101594-D	50*2*0.5/0.9-B-SO-P-C3	50	1.0	16.0	280
4101598-D	100*2*0.5/0.9-B-SO-P-C3	100	1.1	21.5	550
4101601-D	200*2*0.5/0.9-B-SO-P-C3	200	1.2	28.5	1050
4101606-D	300*2*0.5/0.9-B-SO-P-C3	300	1.3	34.5	1550

(*) Outdoor data cables should not be immersed in water or exposed to excessive humidity.

All cable dimensions and weights are subject to normal manufacturing tolerances.

PE-Insulated F/UTP Category-3 Indoor/Outdoor Cables



GENERAL DESCRIPTION AND APPLICATION

- Solid polyethylene insulated shielded twisted pair (F/UTP) cables meeting the Cat-3 specifications of TIA/EIA-568-B and the Class C requirements of ISO/IEC 11801 Ed. 2.
- Jacket options include PVC, polyethylene or HFFR. Used as indoor backbone cables in medium frequency data or telephone systems.

STANDARDS

- TIA/EIA-568B
- IEC 61156-4
- UL-444

CONSTRUCTION

- **Conductors:** Solid annealed bare copper, 0.5 mm (24 AWG), with a solid polyethylene insulation.
- **Pairs:** Insulated conductors are twisted into pairs with varying lays to minimize crosstalk. Standard color code is Teldor Cable Color Code 25. Other codes may be available.
- **Cable Core Assembly:** The 50-pair cable is composed of 4 units having 12 or 13 pairs each. All other cables are composed of 25-pair units. Units are identified by color coded binders.
- **Core Covering:** Non-hygroscopic dielectric tape fully enclosing the core with an overlap.
- **Shielding:** Overall Foil shield of polyester/aluminum foil with an overlap.
- **Drain wire:** A 0.5 mm tinned copper drain wire under the shield.
- **Ripcord:** Under the jacket.
- **Jacket:** Virgin black polyethylene or PVC or HFFR.

ELECTRICAL AND TRANSMISSION PROPERTIES

See properties table next page.

MECHANICAL AND ENVIRONMENTAL PROPERTIES

Per TIA/EIA -568B and UL-444.

When used outdoor, care must be taken to prevent water and excessive humidity from entering the cable.

FLAME RETARDANCY

Meets customer's request per either one of the following standards:

- IEC 60332-1
- UL 1581 VW-1
- IEEE 383 Cl. IE

MARKING

Cables are marked as follows:
Teldor Cables --- Cable Code --- RoHS ---Length in Meters
or per customer request.

CABLE PART NUMBERS, DIMENSIONS AND WEIGHTS

See detailed cable list.

ORDERING

According to the cable list. Standard cable lengths vary with pair count. Other constructions, color codes and materials may be available. Please contact the Teldor Cables Marketing Department.

PE-Insulated F/UTP Category-3 Indoor/Outdoor Cables

Electrical and Transmission Properties

		Specification	Unit
Max DC Resistance		9.38	Ω/100m
Max Resistance Unbalance		5	%
Max Capacitance Unbalance - pair-to-ground @ 1kHz		330	pF/100m
Characteristic Impedance @ 1-16 MHz		85 - 115	Ω
Min worst pair Structural Return Loss (SRL):			
	Up to 10 MHz	12	dB
	Between 10 and 16 MHz	10	dB
Max Attenuation at 20°C	@ 64 kHz	0.9	dB/100m
	@ 256 kHz	1.3	
	@ 512 kHz	1.8	
	@ 772 kHz	2.2	
	@ 1 MHz	2.6	
	@ 4 MHz	5.6	
	@ 8 MHz	8.5	
	@ 10 MHz	9.7	
	@ 16 MHz	13.1	
Min worst pair to pair NEXT Loss	@ 772 kHz	43	dB
	@ 1 MHz	41	
	@ 4 MHz	32	
	@ 8 MHz	28	
	@ 10 MHz	26	
	@ 16 MHz	23	
Min Relative Velocity of Propagation @ 10 MHz		0.585	

3. All values measured at 20°C.
4. Requirements as per IEC-61156-4

PE-Insulated F/UTP Category-3 Indoor/Outdoor Cables

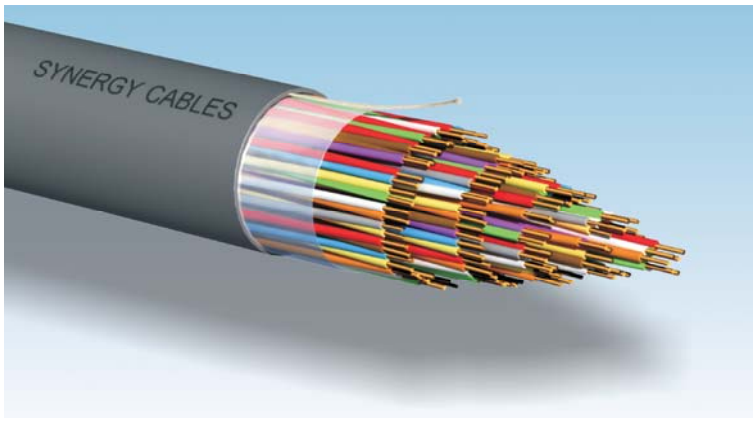
Cable List

Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter mm	Nominal Weight kg/km
PVC Jacket, Indoor					
4101690-D	10*2*0.5/0.9-B-SO-C-V-ET-C3	10	0.9	10.0	85
4101631-D	25*2*0.5/0.9-B-SO-C-V-ET-C3	25	0.9	13.5	170
4101696-D	50*2*0.5/0.9-B-SO-C-V-ET-C3	50	1.0	17.0	300
4041002-D	100*2*0.5/0.9-B-SO-C-V-ET-C3	100	1.1	22.0	570
4042001-D	200*2*0.5/0.9-B-SO-C-V-ET-C3	200	1.2	30.0	1080
4042005-D	300*2*0.5/0.9-B-SO-C-V-ET-C3	300	1.3	36.6	1630
HFFR Jacket, Indoor & Outdoor (*)					
404425-D	25*2*0.5/0.9-B-SO-C-H-ET-C3	25	0.9	14.0	170
404429-D	50*2*0.5/0.9-B-SO-C-H-ET-C3	50	1.0	17.5	300
404430-D	100*2*0.5/0.9-B-SO-C-H-ET-C3	100	1.2	23.0	580
404432-D	200*2*0.5/0.9-B-SO-C-H-ET-C3	200	1.6	32.0	1120
404435-D	300*2*0.5/0.9-B-SO-C-H-ET-C3	300	1.6	35.0	1200
Polyethylene Jacket, Outdoor (*)					
411070-D	10*2*0.5/0.9-B-SO-C-P-ET-C3	10	0.9	11.0	85
411071-D	25*2*0.5/0.9-B-SO-C-P-ET-C3	25	0.9	13.5	150
411072-D	50*2*0.5/0.9-B-SO-C-P-ET-C3	50	1.0	16.5	280
411073-D	100*2*0.5/0.9-B-SO-C-P-ET-C3	100	1.1	22.6	550
411075-D	200*2*0.5/0.9-B-SO-C-P-ET-C3	200	1.2	31.0	1070
411077-D	300*2*0.5/0.9-B-SO-C-P-ET-C3	300	1.3	35.5	1550

(*) Outdoor data cables should not be immersed in water or exposed to excessive humidity.

All cable dimensions and weights are subject to normal manufacturing tolerances.

PVC-Insulated Indoor Switchboard Cables



GENERAL DESCRIPTION AND APPLICATION

- Bare or tinned copper, PVC insulated, PVC or HFFR jacketed cables
- For indoor use such as connecting switchboard back panels.

STANDARDS

- IEC 60189-2 and 60332-1
- BEZEQ Specification 0074
- UL-1581 Section 1060 VW-1 and UL-1666
- IEEE 383 Cl. IE
- BT CW 1293
- IS 1155

CERTIFICATIONS

Teldor switchboard cables based on 0.5 mm conductors carry the Standards Mark of the Standards Institute of Israel under Certification No. 24219.

CONSTRUCTION

- **Conductors:** Solid annealed bare or tinned copper, 0.4 or 0.5 mm, with PVC insulation
- **Pairs:** Insulated conductors twisted into pairs with varying lays to minimize crosstalk. Standard color code is per **BEZEQ 0074** (Teldor Cables color code 11). Other codes are available.
- **Cable Core Assembly:** Cables with 100 pairs or less are laid up in concentric layers; cables with over 100 pairs are composed of 25 or 50-pair units. Units are identified by color coded binders.
- **Core Covering / shield:** Either a non-hygroscopic dielectric tape or an aluminum-polyester foil shield fully enclosing the core with an overlap. In shielded cables a solid tinned copper drain wire is laid under the shield forming electrical contact with the shield.
- **Ripcord:** Under the jacket.
- **Jacket**: PVC or a Halogen-Free Flame Retardant compound. Gray or Cream colors are standard.

ELECTRICAL PROPERTIES

Conductor Size	0.40	0.50	mm
Max. Average Conductor Resistance @20°C	153	96	Ω/km
Min. Insulation Resistance @ 500VDC	800	800	MΩ/km
Max. Average Mutual Capacitance @ 800 Hz	100	100	nF/km
Max. Capacitance Unbalance Pair/ Pair	250	250	pF/500m

ENVIRONMENTAL PROPERTIES

- The cables meet IEC 60332-1 and UL-1581 VW-1 and IEEE 383 Cl. IE.
- Cables meeting IEC-60332-3C and UL 1666 are available.
- Operating temperature range: -10°C - +70°C.

MARKING

Cables are marked as follows:
Teldor Cables --- Cable Code --- RoHS ---Length in Meters
or per customer request.

CABLE PART NUMBERS, DIMENSIONS AND WEIGHTS

See detailed cable list.

ORDERING

According to the cable list. Standard cable lengths vary with pair count. Other constructions, color codes and materials may be available. Please contact the Teldor Cables Marketing Department.

PVC-Insulated Indoor Switchboard Cables

Cable List

Bare Copper, PVC Jacket

Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter mm	Nominal Weight kg/km
0.4 mm Conductor, 0.75 mm Core, PVC FR Jacket					
40696-D	1*2*0.4/0.75-B-PV-V-11	1	0.4	2.7	10
406961-D	2*2*0.4/0.75-B-PV-V-11	2	0.4	3.5	15
406963-D	3*2*0.4/0.75-B-PV-V-11	3	0.5	4.2	21
406964-D	4*2*0.4/0.75-B-PV-V-11	4	0.5	4.5	25
406965-D	6*2*0.4/0.75-B-PV-V-11	6	0.7	5.5	37
4069650-D	8*2*0.4/0.75-B-PV-V-11	8	0.7	6.2	45
407010-D	10*2*0.4/0.75-B-PV-V-11	10	0.7	6.6	54
4069651-D	12*2*0.4/0.75-B-PV-V-11	12	0.7	7.0	61
406967-D	16*2*0.4/0.75-B-PV-V-11	16	0.8	7.7	80
4069652-D	20*2*0.4/0.75-B-PV-V-11	20	0.8	8.6	95
4069653-D	25*2*0.4/0.75-B-PV-V-11	25	0.8	9.5	115
4069655-D	32*2*0.4/0.75-B-PV-V-11	32	0.8	10.5	145
4069730-D	33*2*0.4/0.75-B-PV-V-11	33	0.8	11.0	146
407050-D	50*2*0.4/0.75-B-PV-V-11	50	1.0	12.7	226
4069660-D	70*2*0.4/0.75-B-PV-V-11	70	1.0	14.6	286
407058-D	100*2*0.4/0.75-B-PV-V-11	100	1.3	17.5	415
4069665-D	200*2*0.4/0.75-B-PV-V-11	200	2.0	23.7	775
0.5 mm Conductor, 0.95 mm Core, PVC FR Jacket					
407059-D	1*2*0.5/0.95-B-PV-V-11	1	0.4	3.0	12
407060-D	2*2*0.5/0.95-B-PV-V-11	2	0.4	4.0	25
417003-D	3*2*0.5/0.95-B-PV-V-11	3	0.5	4.7	30
407063-D	4*2*0.5/0.95-B-PV-V-11	4	0.5	5.3	40
417006-D	6*2*0.5/0.95-B-PV-V-11	6	0.7	6.0	50
417008-D	8*2*0.5/0.95-B-PV-V-11	8	0.7	7.0	65
417010-D	10*2*0.5/0.95-B-PV-V-11	10	0.7	7.3	75
4170115-D	11*2*0.5/0.95-B-PV-V-11	11	0.7	7.6	80
407069-D	12*2*0.5/0.95-B-PV-V-11	12	0.7	7.9	98
407078-D	16*2*0.5/0.95-B-PV-V-11	16	0.8	9.2	115
4070795-D	20*2*0.5/0.95-B-PV-V-11	20	0.8	10.2	140
407080-D	21*2*0.5/0.95-B-PV-V-11	21	0.8	10.4	146
4170205-D	25*2*0.5/0.95-B-PV-V-11	25	0.8	11.0	165
407086-D	26*2*0.5/0.95-B-PV-V-11	26	0.8	11.2	170
407092-D	30*2*0.5/0.95-B-PV-V-11	30	0.8	11.7	190
407094-D	32*2*0.5/0.95-B-PV-V-11	32	0.8	12.0	205
4070995-D	50*2*0.5/0.95-B-PV-V-11	50	1.0	15.2	320
406088-D	70*2*0.5/0.95-B-PV-V-11	70	1.0	18.0	430
4071155-D	100*2*0.5/0.95-B-PV-V-11	100	1.3	21.5	635
407117-D	102*2*0.5/0.95-B-PV-V-11	102	1.3	21.7	646
407120-D	205*2*0.5/0.95-B-PV-V-11	205	2.2	31.0	1300

All cable dimensions and weights are subject to normal manufacturing tolerances.

PVC-Insulated Indoor Switchboard Cables

Cable List

Tinned Copper, PVC Jacket

Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter mm	Nominal Weight kg/km
0.4 mm Tinned Conductor, 0.75 mm Core, PVC FR Jacket					
406951-D	1*2*0.4/0.75-T-PV-V-11	1	0.4	3.0	10
406952-D	2*2*0.4/0.75-T-PV-V-11	2	0.4	4.0	15
406953-D	3*2*0.4/0.75-T-PV-V-11	3	0.5	4.7	21
406954-D	4*2*0.4/0.75-T-PV-V-11	4	0.5	5.3	25
406955-D	5*2*0.4/0.75-T-PV-V-11	5	0.7	5.5	37
406957-D	8*2*0.4/0.75-T-PV-V-11	8	0.7	6.2	45
406958-D	10*2*0.4/0.75-T-PV-V-11	10	0.7	6.6	54
406962-D	12*2*0.4/0.75-T-PV-V-11	12	0.7	7.0	61
406966-D	16*2*0.4/0.75-T-PV-V-11	16	0.8	7.7	80
4069682-D	18*2*0.4/0.75-T-PV-V-11	18	0.8	8.0	85
406969-D	20*2*0.4/0.75-T-PV-V-11	20	0.8	8.6	95
4069670-D	25*2*0.4/0.75-T-PV-V-11	25	0.8	9.5	115
406970-D	32*2*0.4/0.75-T-PV-V-11	32	0.8	10.5	145
406973-D	33*2*0.4/0.75-T-PV-V-11	33	0.8	11.0	146
406981-D	40*2*0.4/0.75-T-PV-V-11	40	0.9	11.5	174
406982-D	50*2*0.4/0.75-T-PV-V-11	50	1.0	12.7	226
406984-D	70*2*0.4/0.75-T-PV-V-11	70	1.0	14.6	286
406990-D	100*2*0.4/0.75-T-PV-V-11	100	1.3	17.5	415
406989-D	200*2*0.4/0.75-T-PV-V-11	200	2.0	23.7	775
0.5 mm Tinned Conductor, 0.95 mm Core, PVC FR Jacket					
406014-D	1*2*0.5/0.95-T-PV-V-11	1	0.4	3.0	12
406016-D	2*2*0.5/0.95-T-PV-V-11	2	0.4	4.0	25
406017-D	3*2*0.5/0.95-T-PV-V-11	3	0.5	4.7	30
406018-D	4*2*0.5/0.95-T-PV-V-11	4	0.5	5.3	40
406020-D	6*2*0.5/0.95-T-PV-V-11	6	0.7	6.0	50
406021-D	8*2*0.5/0.95-T-PV-V-11	8	0.7	7.0	65
406060-D	10*2*0.5/0.95-T-PV-V-11	10	0.7	7.3	75
406064-D	11*2*0.5/0.95-T-PV-V-11	11	0.7	7.6	80
406065-D	12*2*0.5/0.95-T-PV-V-11	12	0.7	8.0	85
406067-D	16*2*0.5/0.95-T-PV-V-11	16	0.8	9.2	115
406072-D	20*2*0.5/0.95-T-PV-V-11	20	0.8	10.2	140
4060721-D	21*2*0.5/0.95-T-PV-V-11	21	0.8	10.4	146
4060725-D	25*2*0.5/0.95-T-PV-V-11	25	0.8	11.0	162
406073-D	26*2*0.5/0.95-T-PV-V-11	26	0.8	11.2	170
406075-D	30*2*0.5/0.95-T-PV-V-11	30	0.8	11.7	190
406078-D	32*2*0.5/0.95-T-PV-V-11	32	0.8	12.0	205
4060784-D	40*2*0.5/0.95-T-PV-V-11	40	0.9	13.5	260
406079-D	50*2*0.5/0.95-T-PV-V-11	50	1.0	15.2	320
406087-D	70*2*0.5/0.95-T-PV-V-11	70	1.0	18.0	430
406091-D	100*2*0.5/0.95-T-PV-V-11	100	1.4	21.5	635
406090-D	102*2*0.5/0.95-T-PV-V-11	102	1.4	21.7	646
406100-D	205*2*0.5/0.95-T-PV-V-11	205	2.2	31.0	1300

All cable dimensions and weights are subject to normal manufacturing tolerances.

PVC-Insulated Indoor Switchboard Cables

Cable List

Bare Copper, PVC Jacket, Shielded

Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter mm	Nominal Weight kg/km
0.4 mm Conductor, 0.75 mm Core, Shielded, PVC FR Jacket					
406991-D	1*2*0.4/0.75-B-PV-C-V-ET-11	1	0.4	3.0	11
406992-D	2*2*0.4/0.75-B-PV-C-V-ET-11	2	0.4	3.6	16
406993-D	3*2*0.4/0.75-B-PV-C-V-ET-11	3	0.5	4.2	22
406994-D	4*2*0.4/0.75-B-PV-C-V-ET-11	4	0.5	4.6	26
406995-D	6*2*0.4/0.75-B-PV-C-V-ET-11	6	0.7	5.8	38
406996-D	8*2*0.4/0.75-B-PV-C-V-ET-11	8	0.7	6.2	50
406997-D	10*2*0.4/0.75-B-PV-C-V-ET-11	10	0.7	6.7	55
406700-D	12*2*0.4/0.75-B-PV-C-V-ET-11	12	0.7	7.3	70
406701-D	16*2*0.4/0.75-B-PV-C-V-ET-11	16	0.8	8.2	81
406703-D	20*2*0.4/0.75-B-PV-C-V-ET-11	20	0.8	9.0	105
406705-D	25*2*0.4/0.75-B-PV-C-V-ET-11	25	0.8	9.7	125
406709-D	32*2*0.4/0.75-B-PV-C-V-ET-11	32	0.8	10.6	150
406715-D	40*2*0.4/0.75-B-PV-C-V-ET-11	40	0.9	11.6	180
406717-D	50*2*0.4/0.75-B-PV-C-V-ET-11	50	1.0	12.8	227
406720-D	70*2*0.4/0.75-B-PV-C-V-ET-11	70	1.0	15.0	300
406725-D	100*2*0.4/0.75-B-PV-C-V-ET-11	100	1.3	17.6	425
406730-D	200*2*0.4/0.75-B-PV-C-V-ET-11	200	2.0	25.0	850
0.5 mm Conductor, 0.95 mm Core, Shielded, PVC FR Jacket					
407999-D	1*2*0.5/0.95-B-PV-C-V-ET-11	1	0.4	3.6	16
408000-D	2*2*0.5/0.95-B-PV-C-V-ET-11	2	0.4	4.6	27
4080032-D	3*2*0.5/0.95-B-PV-C-V-ET-11	3	0.5	5.1	33
408004-D	4*2*0.5/0.95-B-PV-C-V-ET-11	4	0.5	5.8	43
408106-D	6*2*0.5/0.95-B-PV-C-V-ET-11	6	0.7	6.8	63
408107-D	8*2*0.5/0.95-B-PV-C-V-ET-11	8	0.7	7.5	74
4080110-D	10*2*0.5/0.95-B-PV-C-V-ET-11	10	0.7	8.0	86
408111-D	11*2*0.5/0.95-B-PV-C-V-ET-11	11	0.7	8.3	93
408112-D	12*2*0.5/0.95-B-PV-C-V-ET-11	12	0.7	8.6	100
408116-D	16*2*0.5/0.95-B-PV-C-V-ET-11	16	0.8	9.8	130
408120-D	20*2*0.5/0.95-B-PV-C-V-ET-11	20	0.8	10.6	154
408121-D	21*2*0.5/0.95-B-PV-C-V-ET-11	21	0.8	10.8	160
408125-D	25*2*0.5/0.95-B-PV-C-V-ET-11	25	0.8	11.6	185
408126-D	26*2*0.5/0.95-B-PV-C-V-ET-11	26	0.8	11.8	191
408130-D	30*2*0.5/0.95-B-PV-C-V-ET-11	30	0.8	12.4	213
408132-D	32*2*0.5/0.95-B-PV-C-V-ET-11	32	0.8	12.8	225
408140-D	40*2*0.5/0.95-B-PV-C-V-ET-11	40	0.9	14.0	280
408150-D	50*2*0.5/0.95-B-PV-C-V-ET-11	50	1.0	15.5	337
408152-D	70*2*0.5/0.95-B-PV-C-V-ET-11	70	1.0	18.2	461
408155-D	100*2*0.5/0.95-B-PV-C-V-ET-11	100	1.4	21.4	654
408156-D	102*2*0.5/0.95-B-PV-C-V-ET-11	102	1.4	21.6	660
408200-D	205*2*0.5/0.95-B-PV-C-V-ET-11	205	1.4	29.4	1310

All cable dimensions and weights are subject to normal manufacturing tolerances.

PVC-Insulated Indoor Switchboard Cables

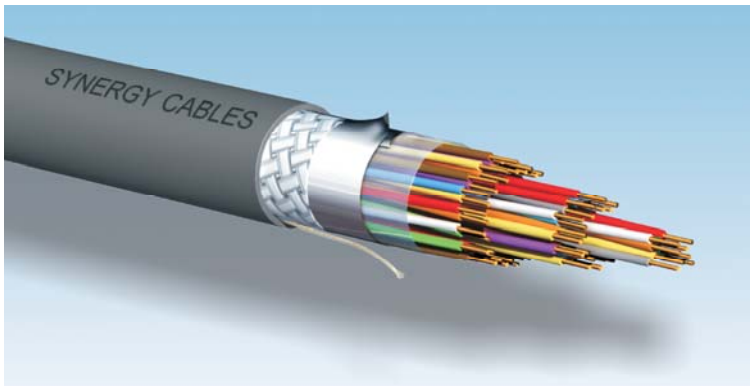
Cable List

Bare Copper, HFFR Jacket

Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter mm	Nominal Weight kg/km
0.4 mm Conductor, 0.75 mm Core, HFFR Jacket					
406801-D	1*2*0.4/0.75-B-PV-H-11	1	0.4	2.7	10
406802-D	2*2*0.4/0.75-B-PV-H-11	2	0.4	3.3	16
406803-D	3*2*0.4/0.75-B-PV-H-11	3	0.5	3.9	21
406804-D	4*2*0.4/0.75-B-PV-H-11	4	0.5	4.3	26
406806-D	6*2*0.4/0.75-B-PV-H-11	6	0.7	5.3	38
406808-D	8*2*0.4/0.75-B-PV-H-11	8	0.7	5.9	47
406810-D	10*2*0.4/0.75-B-PV-H-11	10	0.7	6.4	56
406812-D	12*2*0.4/0.75-B-PV-H-11	12	0.7	6.8	67
406814-D	16*2*0.4/0.75-B-PV-H-11	16	0.8	7.7	82
406816-D	20*2*0.4/0.75-B-PV-H-11	20	0.8	8.4	98
406818-D	25*2*0.4/0.75-B-PV-H-11	25	0.8	9.2	118
406822-D	32*2*0.4/0.75-B-PV-H-11	32	0.8	10.3	148
406825-D	40*2*0.4/0.75-B-PV-H-11	40	0.9	11.3	178
406827-D	50*2*0.4/0.75-B-PV-H-11	50	1.0	12.5	235
406830-D	70*2*0.4/0.75-B-PV-H-11	70	1.0	14.4	306
406835-D	100*2*0.4/0.75-B-PV-H-11	100	1.3	17.3	424
406840-D	200*2*0.4/0.75-B-PV-H-11	200	2.0	23.5	793
0.5 mm Conductor, 0.95 mm Core, HFFR Jacket					
4060630-D	1*2*0.5/0.95-B-PV-H-11	1	0.4	3.0	13
417030-D	2*2*0.5/0.95-B-PV-H-11	2	0.4	4.0	26
417031-D	3*2*0.5/0.95-B-PV-H-11	3	0.5	4.7	31
417032-D	4*2*0.5/0.95-B-PV-H-11	4	0.5	5.3	42
417034-D	6*2*0.5/0.95-B-PV-H-11	6	0.7	6.0	51
417036-D	8*2*0.5/0.95-B-PV-H-11	8	0.7	7.0	68
4060635-D	10*2*0.5/0.95-B-PV-H-11	10	0.7	7.3	77
4060639-D	11*2*0.5/0.95-B-PV-H-11	11	0.7	7.6	83
417040-D	12*2*0.5/0.95-B-PV-H-11	12	0.7	7.9	85
417044-D	16*2*0.5/0.95-B-PV-H-11	16	0.8	9.2	117
417046-D	20*2*0.5/0.95-B-PV-H-11	20	0.8	10.2	144
4160637-D	21*2*0.5/0.95-B-PV-H-11	21	0.8	10.4	146
417048-D	25*2*0.5/0.95-B-PV-H-11	25	0.8	11.0	170
417050-D	26*2*0.5/0.95-B-PV-H-11	26	0.8	11.2	175
417052-D	30*2*0.5/0.95-B-PV-H-11	30	0.8	11.7	200
417054-D	32*2*0.5/0.95-B-PV-H-11	32	0.8	12.0	207
4060645-D	40*2*0.5/0.95-B-PV-H-11	40	0.9	13.4	250
4060851-D	50*2*0.5/0.95-B-PV-H-11	50	1.0	15.2	330
4060655-D	70*2*0.5/0.95-B-PV-H-11	70	1.0	18.0	442
4071157-D	100*2*0.5/0.95-B-PV-H-11	100	1.4	21.5	653
4060670-D	102*2*0.5/0.95-B-PV-H-11	102	1.4	21.7	664
4060685-D	205*2*0.5/0.95-B-PV-H-11	205	2.2	31.0	1326

All cable dimensions and weights are subject to normal manufacturing tolerances.

ADSL Connecting Cables



GENERAL DESCRIPTION AND APPLICATION

- Solid polyethylene-insulated wire pairs form an overall foil and braid shielded core cables with PVC outer jacket.
- Designed for use as a duct cable.

STANDARDS

- ANSI/ICEA S-80-576
- IEC 61196-1 Part 1
- BEZEQ 7011
- UL 1581 VW-1 or IEC 60332-1

CONSTRUCTION

- **Conductors:** Solid annealed tinned copper, 0.4 or 0.5 mm, with polyethylene insulation.
- **Pairs:** Insulated conductors are twisted into pairs with varying lays to minimize crosstalk. Standard color code is per BEZEQ 0074.7 (Teldor Cables color code 11). Other color codes are available.
- **Cable Core Assembly:** The core is laid up in concentric layers.
- **Core Covering:** Non-hygroscopic dielectric tape is fully enclosing the core with an overlap.
- **Overall Shielding**: Spirally applied, Aluminum polyester foil (aluminum faced outwards) in close contact with braided shield- consisting of annealed tinned copper wires - having coverage of approx. 55%.
- **Jacket**: Gray Flame retardant PVC.
- **Ripcord:** Under the jacket.

ELECTRICAL PROPERTIES

NEXT (min. average): > 55 dB @ 1MHz
> 40 dB @10MHz.

Attenuation:

Attenuation @1MHz	32	dB/km
Attenuation @10MHz	110	dB/km

Impedance: 100±15 Ω @1MHz and 10MHz.
Propagation delay: < 6 nsec/m @1MHz
< 5.7 nsec/m @10MHz
Dielectric strength: 1500V/ 1 minute

Conductor Size	0.40	0.50	mm
Max. Average Conductor Resistance @20°C	143	95	Ω/km
Min. Insulation Resistance @ 500VDC	1000	1000	MΩ/km
Max. Average Mutual Capacitance @ 800 Hz	80	80	nF/km
Max. Capacitance Unbalance Pair/ Pair	250	250	pF/500m

MARKING

Cables are marked as follows:
Teldor Cables --- Cable Code --- RoHS ---Length in m
or per customer requirement.

FLAME RETARDANCY

Cables meet the following flame retardancy standards:

- IEC 60332-1
- UL 1581 VW-1

RATING

Temperature working range: -20ºC to +85ºC
Stripping force: 1N to 5N @ the test conditions.

CABLE PART NUMBERS, DIMENSIONS AND WEIGHTS

See detailed cable list.

ORDERING

According to the cable list. Standard cable lengths vary with pair count. Other constructions, color codes and materials may be available. Please contact the Teldor Cables Marketing Department.

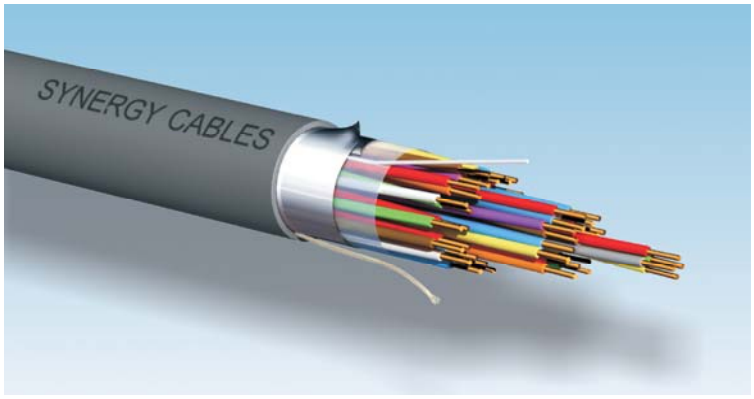
ADSL Connecting Cables

Cable List

Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter mm	Nominal Weight kg/km
0.4 mm Conductor, 0.76 mm Wire PVC Sheath					
611831-D	24*2*0.4/0.76-T-SO-C-S-V-ET ADSL	24	0.7	10.0	139
612035-D	32*2*0.4/0.76-T-SO-C-S-V-ET ADSL	32	1.1	11.8	180
406977-D	32*2*0.4/0.76-T-SO-V-ADSL	32	1.1	11.8	162
0.5 mm Conductor, 0.96 mm Wire PVC Sheath					
612774-D	16*2*0.5/0.96-T-SO-C-S-V-ET ADSL	16	0.7	10.0	140
611831-D	24*2*0.5/0.96-T-SO-C-S-V-ET ADSL	24	1.0	11.8	180
612205-D	32*2*0.5/0.96-T-SO-C-S-V-ET ADSL	32	1.1	13.6	255
0.5 mm Conductor, 0.96 mm Wire HFFR Sheath					
612774-D	16*2*0.5/0.96-T-SO-C-S-H-ET ADSL	16	0.7	10.0	150
612778-D	24*2*0.5/0.96-T-SO-C-S-H-ET ADSL	24	1.0	11.8	190
612777-D	32*2*0.5/0.96-T-SO-C-S-H-ET ADSL	32	1.1	13.6	260

All cable dimensions and weights are subject to normal manufacturing tolerances.

120 Ω Digital Telecommunication Cables



APPLICATIONS

- Digital Telecommunications copper interconnects requiring 120 Ohm cables
- G.703 E1/T1 systems (2.048 or 1.544 Mbps)

STANDARDS

- Siemens Requirements
- BEZEQ Specification 7001
- BEZEQ Specification 3078.2

CONSTRUCTION

- **Conductors:** Solid annealed tinned copper, 0.4 or 0.5 mm with PE insulation.
- **Pairs:** Insulated conductors twisted into pairs
- **Colors:** According to the Teldor Cables color code 11
- **Cable Core Assembly:** The pairs are cabled together to form the cable core
- **Core Wrapping:** The core is wrapped with a plastic tape
- **Shield:** polyester-aluminum foil shield providing 100% coverage, aluminum side facing inward
- **Drain Wire:** a solid tinned copper 0.5 mm nominal diameter drain wire under the shield
- **Jacket:** PVC or HFFR
- **Ripcord:** Under each jacket
- **Armor:** optional - corrugated steel
- **Additional Outer Jacket:** for NYY cables – PVC, for armored cables – PE.

ELECTRICAL PROPERTIES

Conductor Size	0.40	0.50	mm
Nominal Impedance at 1 MHz	120	120	Ω
Max. Average Conductor Resistance @20°C	153	91	Ω/km
Min. Insulation Resistance @ 500VDC	10000	8000	MΩ/km
Max. Average Mutual Capacitance @ 800 Hz	45	45	nF/km
Attenuation @ 1 MHz	<40	<25	dB/km

ENVIRONMENTAL PROPERTIES

- Cables having a PVC or HFFR outer jacket meet IEC-60332-1 and UL-1581 VW-1.
- Operating temperature range: -20°C - +70°C

MARKING

Cables are marked as follows:
Teldor Cables --- Cable Code --- RoHS ---Length in m
or per customer requirement.

CABLE PART NUMBERS, DIMENSIONS AND WEIGHTS

See detailed cable list.

ORDERING

According to the cable list. Standard cable lengths vary with pair count. Other constructions, color codes and materials may be available. Please contact the Teldor Cables Marketing Department.

120 Ω Digital Telecommunication Cables

Cable List

Teldor Part Number	Cable Code	Number of Pairs	Nominal Jacket Thickness mm	Nominal Outer Diameter mm	Nominal Weight kg/km
120 Ohm Twinaxial Cable					
0.4 mm Conductor, 1.0 mm Wire per Bezeq 3078.2					
611166-D	1*2*0.4/1.0-T-CE-C-ET-V	1	0.3	3.0	10.5
0.5 mm Conductor, 1.5 mm Wire					
609698-D	1*2*0.5/1.5-T-CE-C-ET-V	1	0.7	4.5	18.0
Multipair 120 Ohm Cable					
0.5 mm Conductor, 1.2 mm Wire, PVC Jacket Indoor Cable					
424450-D	2*2*0.5/1.2-T-SO-C-V-ET	2	1.0	7.0	31
4080155-D	4*2*0.5/1.2-T-SO-C-V-ET	4	1.0	8.2	57
4080157-D	8*2*0.5/1.2-T-SO-C-V-ET	8	1.0	10.0	86
4080159-D	12*2*0.5/1.2-T-SO-C-V-ET	12	1.0	10.5	113
4080161-D	16*2*0.5/1.2-T-SO-C-V-ET	16	1.0	11.8	142
4080160-D	18*2*0.5/1.2-T-SO-C-V-ET	18	1.0	12.5	152
4080163-D	20*2*0.5/1.2-T-SO-C-V-ET	20	1.0	13.2	157
4080164-D	24*2*0.5/1.2-T-SO-C-V-ET	24	1.0	13.5	191
4080168-D	28*2*0.5/1.2-T-SO-C-V-ET	28	1.0	14.0	219
408032-D	32*2*0.5/1.2-T-SO-C-V-ET	32	1.0	16.5	260
408151-D	50*2*0.5/1.2-T-SO-C-V-ET	50	1.2	19.2	370
0.4 mm Conductor, 1.0 mm Wire, PVC Jacket Indoor Cable					
408452-D	4*2*0.4/1.0-T-SO-C-V-ET	4	0.7	6.4	38
0.5 mm Conductor, 1.2 mm Wire, HFFR Jacket Indoor Cable					
4080154-D	4*2*0.5/1.2-T-SO-C-H-ET	4	1.0	7.6	60
4080158-D	8*2*0.5/1.2-T-SO-C-H--ET	8	1.0	10.0	87
4080162-D	16*2*0.5/1.2-T-SO-C-H-ET	16	1.0	12.0	132
408023-D	24*2*0.5/1.2-T-SO-C-H-ET	24	1.0	14.0	191
408033-D	32*2*0.5/1.2-T-SO-C-H-ET	32	1.0	16.0	260
4081512-D	64*2*0.5/1.2-T-SO-C-H-ET	64	1.0	20.5	450
4081514-D	100*2*0.5/1.2-T-SO-C-H-ET	100	1.2	25.7	700
0.5 mm Conductor, 1.2 mm Wire, PVC Double Jacket (NYY) Outdoor Cable					
4080156-D	4*2*0.5/1.2-T-SO-C-V-V-ET	4	1.0+1.2	10.0	105
40801570-D	8*2*0.5/1.2-T-SO-C-V-V-ET	8	1.0+1.2	11.6	145
4080165-D	16*2*0.5/1.2-T-SO-C-V-V-ET	16	1.0+0.6	13.0	170
4080325-D	32*2*0.5/1.2-T-SO-C-V-V-ET	32	1.0+1.3	18.5	325
4080327-D	64*2*0.5/1.2-T-SO-C-V-V-ET	64	1.1+1.4	23.5	595
4080329-D	100*2*0.5/1.2-T-SO-C-V-V-ET	100	1.2+1.5	28.2	850
0.5 mm Conductor, 1.2 mm Wire, PVC Inner Jacket, Corrugated Steel Armor, PE outer jacket, Outdoor Cable					
424452-D	2x2x0.5/1.2-T-SO-C-VRP-ET	2	1.6	11.0	107
4080166-D	16x2x0.5/1.2-T-SO-C-VRP-ET	16	1.0+1.2	17.0	310

All cable dimensions and weights are subject to normal manufacturing tolerances.

Indoor Cross-Connect (Jumper) Telephone Cables

GENERAL DESCRIPTION AND APPLICATION

Tinned copper, PVC insulated, for indoor use such as connecting terminal blocks on Main Distribution Frames in cross connecting cabinets and head-ends.

STANDARDS

- BS 6746C
- BEZEQ Specification 442.2
- IEC 60189-1
- IEC 60332-1
- UL 1581 Sec.VW-1

CONSTRUCTION

- **Conductors:** Solid annealed tinned copper 0.5 or 0.6 mm, with PVC insulation
- **Pairs:** Insulated conductors are twisted into pairs with varying lays to minimize crosstalk. Standard color code is per BEZEQ 0074.7 as given the Color Code Table No. 4. Other codes are available.
- **Cable Core Assembly:** Cables with 100 pairs or less are laid up in concentric layers; cables with over 100 pairs are composed of 25 or 50- pair units. Units are identified by color coded binders.

ELECTRICAL PROPERTIES

Conductor Size	0.50	0.60	mm
Max. Average Conductor Resistance @20°C	98	66	Ω/km
Min. Insulation Resistance @ 500VDC	50	50	MΩ/km

ENVIRONMENTAL PROPERTIES

- The cables meet IEC 60332-1, UL-1581 VW-1 and IEEE 383 Cl. IE.
- Operating temperature range: -20°C - +70°C

MARKING

Cables are marked as follows:
Teldor Cables --- Cable Code --- RoHS ---Length in m
or per customer requirement.

CABLE PART NUMBERS, DIMENSIONS AND WEIGHTS

See detailed cable list.

ORDERING

According to the cable list. Standard cable lengths vary with pair count. Other constructions, color codes and materials may be available. Please contact the Teldor Cables Marketing Department.

Indoor Cross-Connect (Jumper) Telephone Cables

Cable List

Cable Dimensions and Weights

Teldor Part Number	Cable Code	Number of Cores	Nominal Outer Diameter mm	Nominal Weight kg/km
0.5 mm Conductor, 0.95 mm Wire				
4080100-D	2*0.5/0.95-T-PV Gray+Orange	2	1.95	5.0
4080101-D	2*0.5/0.95-T-PV White+Blue	2	1.95	5.0
4080102-D	2*0.5/0.95-T-PVWhite+Red	2	1.95	5.0
4080103-D	2*0.5/0.95-T-PV White+Orange	2	1.95	5.0
40801004-D	2*0.5/0.95-T-PV Red+Green	2	1.95	5.0
40801005D	2*0.5/0.95-T-PV White+Green	2	1.95	5.0
40801006-D	2*0.5/0.95-T-PV White+Black	2	1.95	5.0
4080107-D	2*0.5/0.95-T-PV White+Brown	2	1.95	5.0
408010-D	4*0.5/0.95-T-PV Red+White+Black+Green	4	2.40	10.0
4080130-D	5*0.5/0.95-T-PV Red+White+Green+Blue+Black	5	2.60	12.5
0.6 mm Conductor, 1.05 mm Wire				
408070-D	2*0.6/1.05-T-PV Gray+Orange	2	2.15	5.7
408071-D	2*0.6/1.05-T-PV White+Blue	2	2.15	5.7
408072-D	2*0.6/1.05-T-PV White+Red	2	2.15	5.7
408073-D	2*0.6/1.05-T-PV White+Orange	2	2.15	5.7
408074-D	2*0.6/1.05-T-PV Red+Green	2	2.15	5.7
408075-D	2*0.6/1.05-T-PV White+Green	2	2.15	5.7
408076-D	2*0.6/1.05-T-PV White+Black	2	2.15	5.7
408077-D	2*0.6/1.05-T-PV White+Brown	2	2.15	5.7
0.8 mm Conductor, 1.35 mm Wire				
408049-D	2*0.8/1.35-B-PV White+Blue	2	2.75	11.5

Color Codes

Table 1
Color code according to BT CW1236, IEC 60708-1 and Bellcore GR-421.
Teldor Cable color code 10

Pair No.	Conductor a	Conductor b
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Gray
6	Red	Blue
7	Red	Orange
8	Red	Green
9	Red	Brown
10	Red	Gray
11	Black	Blue
12	Black	Orange
13	Black	Green
14	Black	Brown
15	Black	Gray
16	Yellow	Blue
17	Yellow	Orange
18	Yellow	Green
19	Yellow	Brown
20	Yellow	Gray
21	Violet	Blue
22	Violet	Orange
23	Violet	Green
24	Violet	Brown
25	Violet	Gray

Table 2
Color code according to ANSI / ICEAS-80-576
Teldor Cable color code 24

(Base color in bold lettering)

Pair No.	Conductor a	Conductor b
1	**White**/Blue	**Blue**/White
2	**White**/Orange	**Orange**/White
3	**White**/Green	**Green**/White
4	**White**/Brown	**Brown**/White
5	**White**/Gray	**Gray**/White
6	**Red**/Blue	**Blue**/Red
7	**Red**/Orange	**Orange**/Red
8	**Red**/Green	**Green**/Red
9	**Red**/Brown	**Brown**/Red
10	**Red**/Gray	**Gray**/Red
11	**Black**/Blue	**Blue**/Black
12	**Black**/Orange	**Orange**/Black
13	**Black**/Green	**Green**/Black
14	**Black**/Brown	**Brown**/Black
15	**Black**/Gray	**Gray**/Black
16	**Yellow**/Blue	**Blue**/Yellow
17	**Yellow**/Orange	**Orange**/Yellow
18	**Yellow**/Green	**Green**/Yellow
19	**Yellow**/Brown	**Brown**/Yellow
20	**Yellow**/Gray	**Gray**/Yellow
21	**Violet**/Blue	**Blue**/Violet
22	**Violet** / Orange	**Orange**/Violet
23	**Violet**/Green	**Green**/Violet
24	**Violet**/Brown	**Brown**/Violet
25	**Violet**/Gray	**Gray**/Violet

Table 3 - Teldor Cable Color Code 25

(Base color in bold lettering)

Pair No.	Conductor a	Conductor b
1	Blue	**White**/Blue
2	Orange	**White**/Orange
3	Green	**White**/Green
4	Brown	**White**/Brown
5	Gray	**White**/Gray
6	Blue	**Red**/Blue
7	Orange	**Red**/Orange
8	Green	**Red**/Green
9	Brown	**Red**/Brown
10	Gray	**Red**/Gray
11	Blue	**Black**/Blue
12	Orange	**Black**/Orange
13	Green	**Black**/Green
14	Brown	**Black**/Brown
15	Gray	**Black**/Gray
16	Blue	**Yellow**/Blue
17	Orange	**Yellow**/Orange
18	Green	**Yellow**/Green
19	Brown	**Yellow**/Brown
20	Gray	**Yellow**/Gray
21	Blue	**Violet**/Blue
22	Orange	**Violet**/Orange
23	Green	**Violet**/Green
24	Brown	**Violet**/Brown
25	Gray	**Violet**/Gray

Color Codes

Table 4
Color code according to BT CW110J and Bezeq 74.7, Teldor Cable color code 11
(Base color in bold lettering)

Pair No.	Conductor a	Conductor b
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Gray
6	White	**White**/Blue
7	White	**Orange**/Blue
8	White	**Green**/Blue
9	White	**Brown**/Blue
10	White	**Gray**/Blue
11	White	**White**/Orange
12	White	**Orange**/Green
13	White	**Orange**/Brown
14	White	**Gray**/Orange
15	White	**White**/Green
16	White	**Green**/Brown
17	White	**Gray**/Green
18	White	**White**/Brown
19	White	**Gray**/Brown
20	White	**White**/Gray
21	Yellow	Blue
22	Yellow	Orange
23	Yellow	Green
24	Yellow	Brown
25	Yellow	Gray
26	Yellow	**White**/Blue
27	Yellow	**Orange**/Blue
28	Yellow	**Green**/Blue
29	Yellow	**Brown**/Blue
30	Yellow	**Gray**/Blue
31	Yellow	**White**/Orange
32	Yellow	**Orange**/Green
33	Yellow	**Orange**/Brown
34	Yellow	**Gray**/Orange
35	Yellow	**White**/Green
36	Yellow	**Green**/Brown
37	Yellow	**Gray**/Green
38	Yellow	**White**/Brown
39	Yellow	**Gray**/Brown
40	Yellow	**White**/Gray
41	Black	Blue
42	Black	Orange
43	Black	Green
44	Black	Brown
45	Black	Gray
46	Black	**White**/Blue
47	Black	**Orange**/Blue
48	Black	**Green**/Blue
49	Black	**Brown**/Blue
50	Black	**Gray**/Blue
51	Black	**White**/Orange
52	Black	**Orange**/Green
53	Black	**Orange**/Brown
54	Black	**Gray**/Orange
55	Black	**White**/Green
56	Black	**Green**/Brown
57	Black	**Gray**/Green
58	Black	**White**/Brown
59	Black	**Gray**/Brown
60	Black	**White**/Gray
61	Violet	Blue
62	Violet	Orange
63	Violet	Green
64	Violet	Brown
65	Violet	Gray
66	Violet	**White**/Blue
67	Violet	**Orange**/Blue
68	Violet	**Green**/Blue
69	Violet	**Brown**/Blue
70	Violet	**Gray**/Blue
71	Violet	**White**/Orange
72	Violet	**Orange**/Green
73	Violet	**Orange**/Brown
74	Violet	**Gray**/Orange
75	Violet	**White**/Green
76	Violet	**Green**/Brown
77	Violet	**Gray**/Green
78	Violet	**White**/Brown
79	Violet	**Gray**/Brown
80	Violet	**White**/Gray
81	Red	Blue
82	Red	Orange
83	Red	Green
84	Red	Brown
85	Red	Gray
86	Red	**White**/Blue
87	Red	**Orange**/Blue
88	Red	**Green**/Blue
89	Red	**Brown**/Blue
90	Red	**Gray**/Blue
91	Red	**White**/Orange
92	Red	**Orange**/Green
93	Red	**Orange**/Brown
94	Red	**Gray**/Orange
95	Red	**White**/Green
96	Red	**Green**/Brown
97	Red	**Gray**/Green
98	Red	**White**/Brown
99	Red	**Gray**/Brown
100	Red	**White**/Gray
101	**White**/Red	Blue
102	**White**/Red	Orange

Color Codes

Table 5

Color code according to BT CW1293, BT 210B and IEC 60189-2, Teldor Cable color code 12

(Base color in bold lettering)

Pair No.	Conductor a	Conductor b
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Gray
6	Red	Blue
7	Red	Orange
8	Red	Green
9	Red	Brown
10	Red	Gray
11	Black	Blue
12	Black	Orange
13	Black	Green
14	Black	Brown
15	Black	Gray
16	Yellow	Blue
17	Yellow	Orange
18	Yellow	Green
19	Yellow	Brown
20	Yellow	Gray
21	**White**/Blue	Blue
22	**White**/Blue	Orange
23	**White**/Blue	Green
24	**White**/Blue	Brown
25	**White**/Blue	Gray
26	**Red**/Blue	Blue
27	**Red**/Blue	Orange
28	**Red**/Blue	Green
29	**Red**/Blue	Brown
30	**Red**/Blue	Gray
31	**Blue**/Black	Blue
32	**Blue**/Black	Orange
33	**Blue**/Black	Green
34	**Blue**/Black	Brown
35	**Blue**/Black	Gray
36	**Yellow**/Blue	Blue
37	**Yellow**/Blue	Orange
38	**Yellow**/Blue	Green
39	**Yellow**/Blue	Brown
40	**Yellow**/Blue	Gray
41	**White**/Orange	Blue
42	**White**/Orange	Orange
43	**White**/Orange	Green
44	**White**/Orange	Brown
45	**White**/Orange	Gray
46	**Orange**/Red	Blue
47	**Orange**/Red	Orange
48	**Orange**/Red	Green
49	**Orange**/Red	Brown
50	**Orange**/Red	Gray
51	**Orange**/Black	Blue
52	**Orange**/Black	Orange
53	**Orange**/Black	Green
54	**Orange**/Black	Brown
55	**Orange**/Black	Gray
56	**Yellow**/Orange	Blue
57	**Yellow**/Orange	Orange
58	**Yellow**/Orange	Green
59	**Yellow**/Orange	Brown
60	**Yellow**/Orange	Gray
61	**White**/Green	Blue
62	**White**/Green	Orange
63	**White**/Green	Green
64	**White**/Green	Brown
65	**White**/Green	Gray
66	**Green**/Red	Blue
67	**Green**/Red	Orange
68	**Green**/Red	Green
69	**Green**/Red	Brown
70	**Green**/Red	Gray
71	**Green**/Black	Blue
72	**Green**/Black	Orange
73	**Green**/Black	Green
74	**Green**/Black	Brown
75	**Green**/Black	Gray
76	**Yellow**/Green	Blue
77	**Yellow**/Green	Orange
78	**Yellow**/Green	Green
79	**Yellow**/Green	Brown
80	**Yellow**/Green	Gray
81	**White**/Brown	Blue
82	**White**/Brown	Orange
83	**White**/Brown	Green
84	**White**/Brown	Brown
85	**White**/Brown	Gray
86	**Brown**/Red	Blue
87	**Brown**/Red	Orange
88	**Brown**/Red	Green
89	**Brown**/Red	Brown
90	**Brown**/Red	Gray
91	**Brown**/Black	Blue
92	**Brown**/Black	Orange
93	**Brown**/Black	Green
94	**Brown**/Black	Brown
95	**Brown**/Black	Gray
96	**Yellow**/Brown	Blue
97	**Yellow**/Brown	Orange
98	**Yellow**/Brown	Brown/White
99	**Yellow**/Brown	Brown/Gray
100	**Yellow**/Brown	Gray/White
101	**White**/Gray	Blue
102	**White**/Gray	Orange