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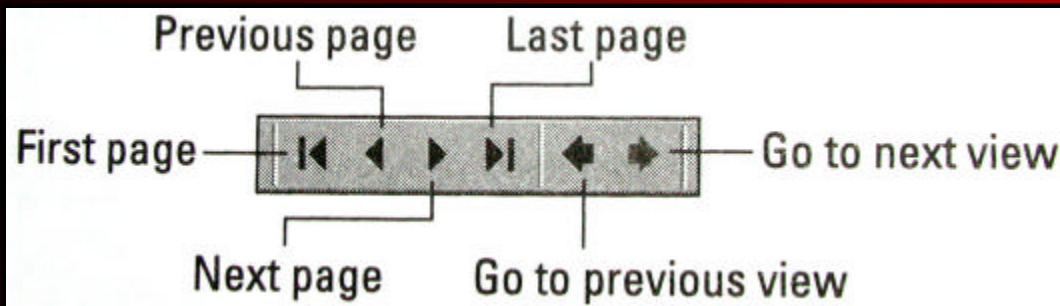
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Products
FASTER

or

Click Here
To Enter

Teltek's Cable Product Index

Navigating Teltek's Catalog in Acrobat Reader



To **View Your Product Choice** in the Detailed Index:
Click on this Hand to Choose,
Then Click the Text to See the Product

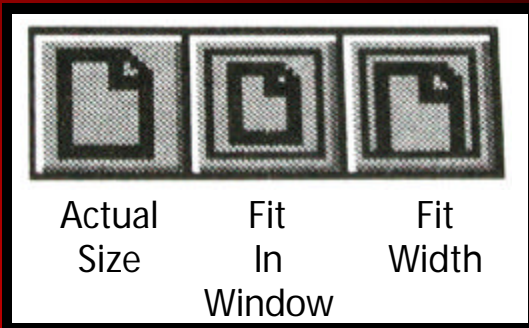
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Click on this Bookmark Icon Above and Select Bookmarks,
A Table of Contents will Appear



Get Started!

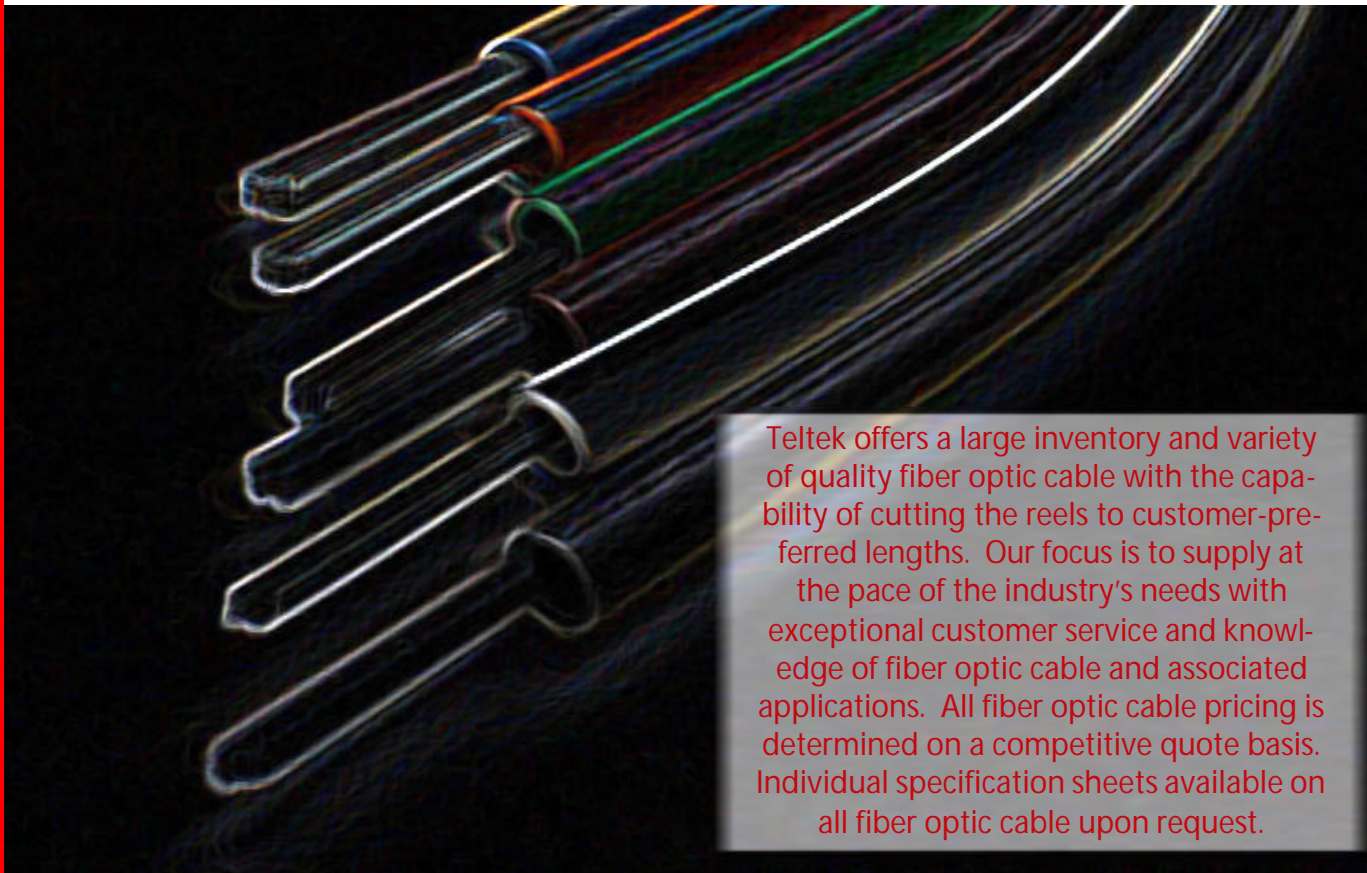
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Teltek Cable

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Get Started on Teltek's Cable Section

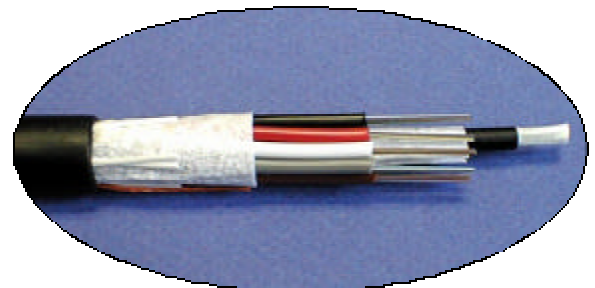
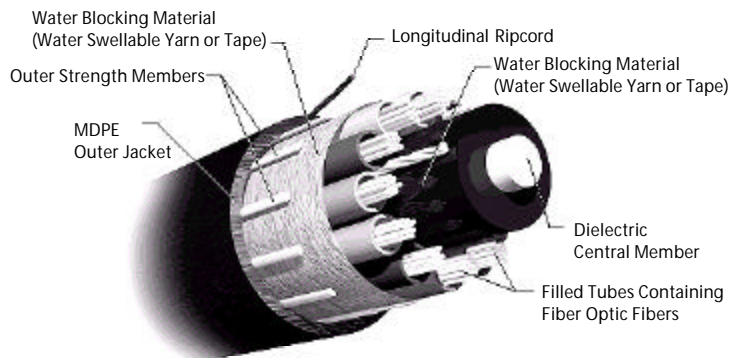


Teltek offers a large inventory and variety of quality fiber optic cable with the capability of cutting the reels to customer-preferred lengths. Our focus is to supply at the pace of the industry's needs with exceptional customer service and knowledge of fiber optic cable and associated applications. All fiber optic cable pricing is determined on a competitive quote basis. Individual specification sheets available on all fiber optic cable upon request.

UNARMORED LOOSE TUBE CABLE

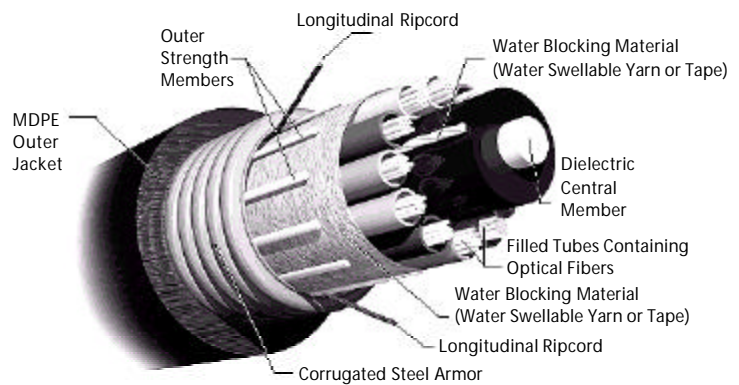
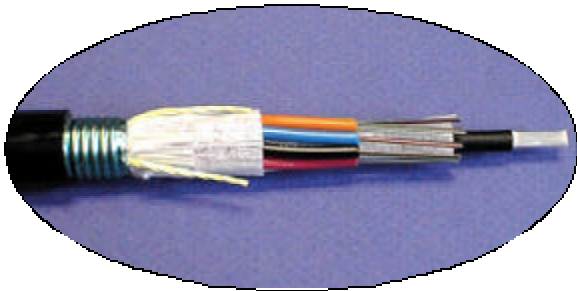
KLEEN CORE TECHNOLOGY

Fiber Count	Outside Diameter		Weight		Bend Radius	
	inches	mm	kg/km	lb/1000ft	Dynamic X Cable O.D.	Static X Cable O.D.
2-60	0.46	11.6	89	60	20	10
61-72	0.50	12.6	107	72	20	10
73-96	0.57	14.4	137	92	20	10
97-120	0.63	16.1	170	114	20	10
121-144	0.71	18.0	211	142	20	10
145-216	0.72	18.2	200	134	20	10
217-264	0.79	20.0	243	163	20	10
265-288	0.82	20.8	268	180	20	10



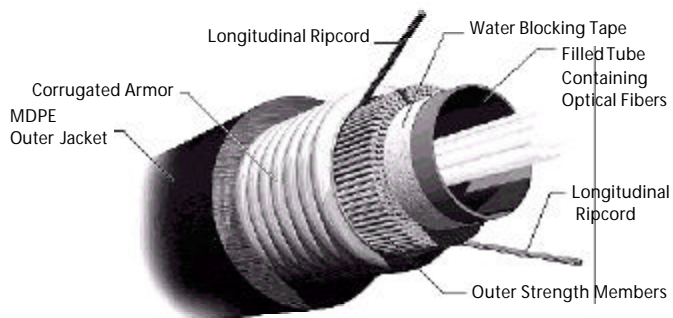
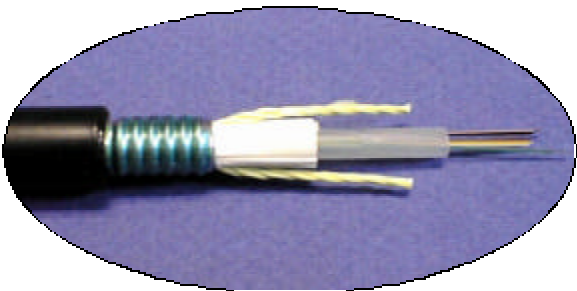
SINGLE ARMOR/SINGLE JACKET LOOSE TUBE CABLE

Fiber Count	Outside Diameter		Weight		Bend Radius	
	inches	mm	kg/km	lb/1000ft	Dynamic X Cable O.D.	Static X Cable O.D.
2-60	0.53	13.4	154	103	20	10
61-72	0.56	14.2	180	121	20	10
73-96	0.63	16.0	217	146	20	10
97-120	0.70	17.7	259	174	20	10
121-144	0.77	19.6	311	209	20	10
145-216	0.78	19.7	299	201	20	10
217-264	0.85	21.5	353	237	20	10
265-288	0.88	22.3	383	257	20	10



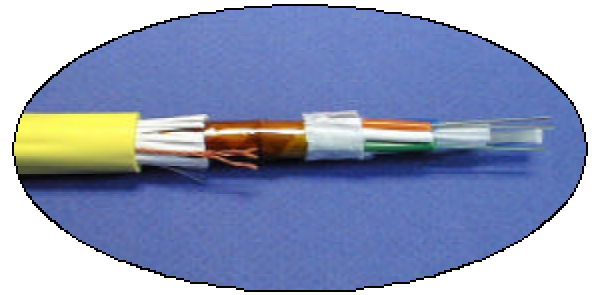
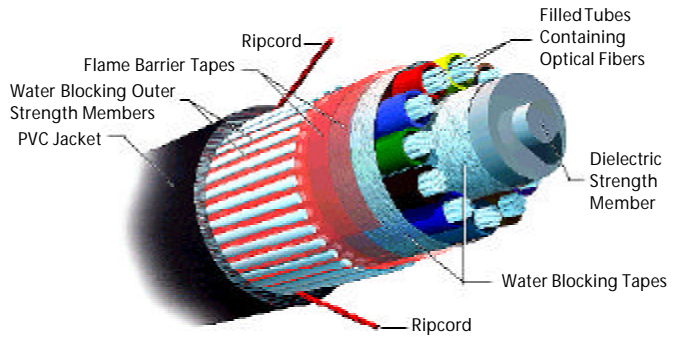
ARMORED CENTER LOOSE TUBE

Fiber Count	Outside Diameter		Weight		Bend Radius	
	inches	mm	kg/km	lb/1000ft	Dynamic X Cable O.D.	Static X Cable O.D.
2-12	0.42	10.7	115	77	20	10



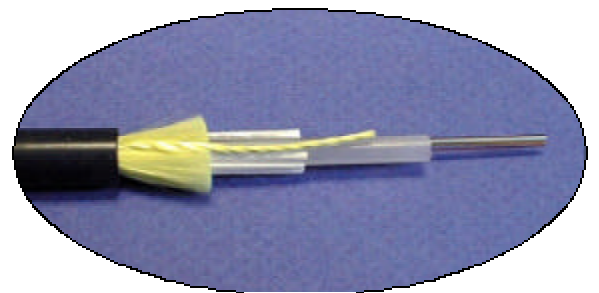
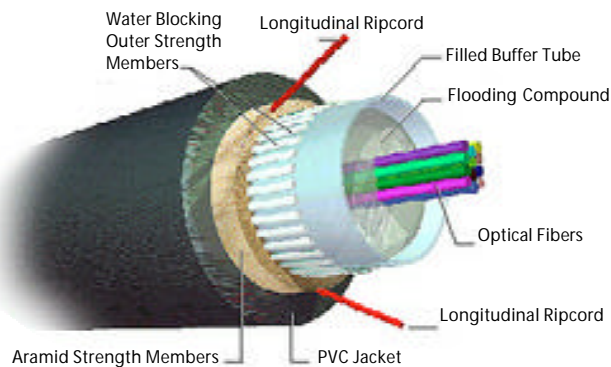
INDOOR/OUTDOOR LOOSE TUBE CABLE

Fiber Count	Outside Diameter		Weight		Bend Radius	
	inches	mm	kg/km	lb/1000ft	Dynamic X Cable O.D.	Static X Cable O.D.
4-72	0.55	14.0	162	110	20	10
74-96	0.60	15.2	197	134	20	10
98-120	0.67	16.9	243	165	20	10
122-144	0.73	18.5	291	198	20	10



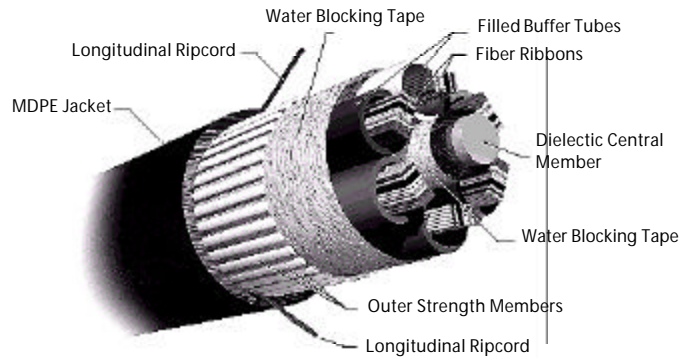
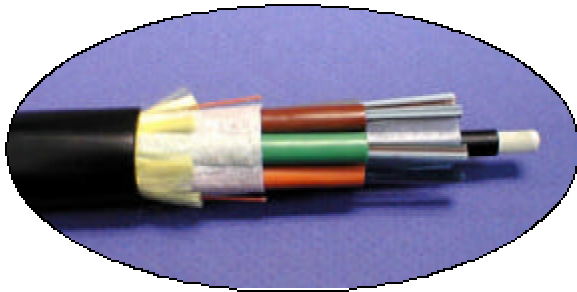
INDOOR/OUTDOOR CENTRAL LOOSE TUBE CABLE

Fiber Count	Outside Diameter		Weight		Bend Radius	
	inches	mm	kg/km	lb/1000ft	Dynamic X Cable O.D.	Static X Cable O.D.
2-12	0.34	8.5	68	46	20	10



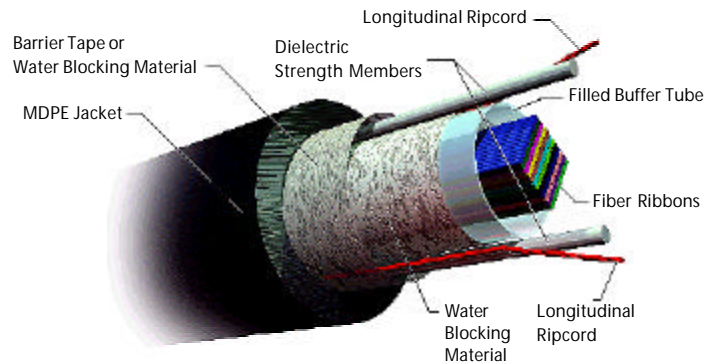
RIBBON IN LOOSE TUBE CABLE

Fiber Count	Outside Diameter		Weight		Bend Radius	
	inches	mm	kg/km	lb/1000ft	Dynamic X Cable O.D.	Static X Cable O.D.
288-432	0.9	23.0	418	281	20	10
444-864	1.0	26.5	427	287	20	10



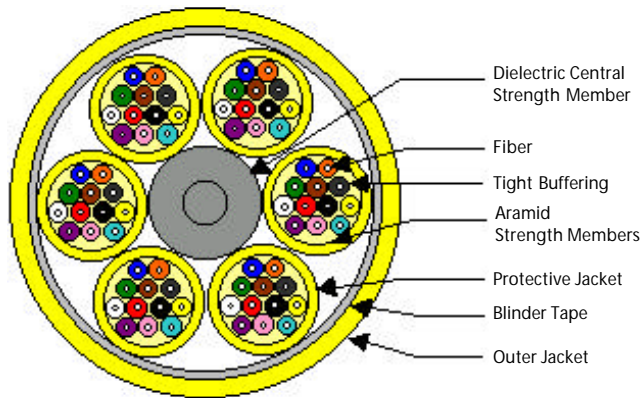
RIBBON CENTRAL LOOSE TUBE

Fiber Count	Outside Diameter		Weight		Bend Radius	
	inches	mm	kg/km	lb/1000ft	Dynamic X Cable O.D.	Static X Cable O.D.
12-96	0.65	16.5	205	138	20	10
108-216	0.75	19.1	276	186	20	10



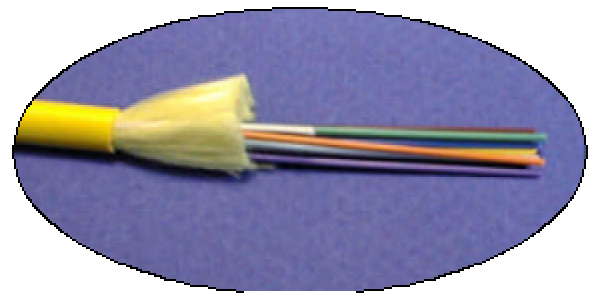
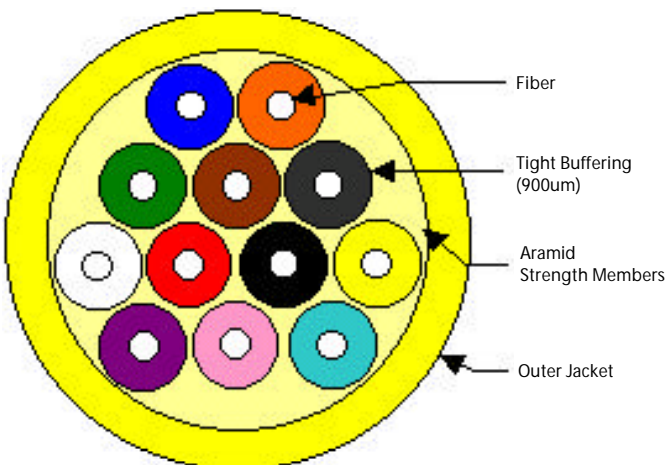
DISTRIBUTION CABLE

Rating	Outside Diameter		Weight		Bend Radius Installation	Long Term
	inches	mm	kg/km	lb/1000ft		
Plenum (OFNP)	0.83	21.2	350.0	235.2	424.0 mm (16.6 in)	212.0 mm (8.4 in)
Riser (OFNR)	0.89	22.6	282.7	190.2	452.0 mm (17.8 in)	226.0 mm (8.9 in)



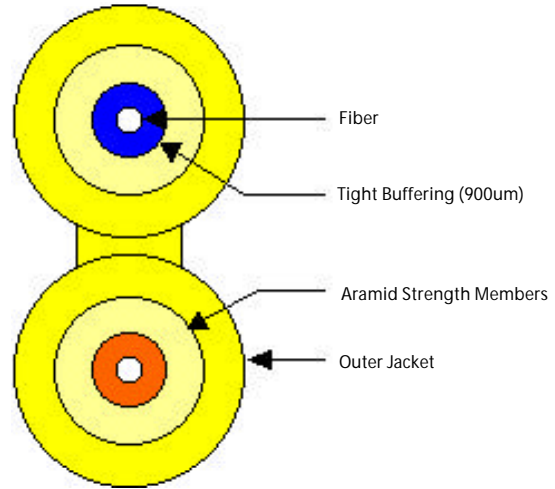
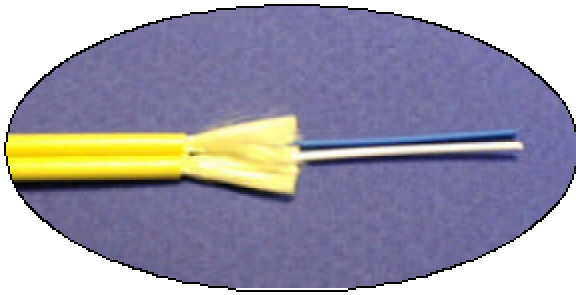
DISTRIBUTION CABLE

Rating	Outside Diameter		Weight		Bend Radius Installation	Long Term
	inches	mm	kg/km	lb/1000ft		
Plenum (OFNP)	0.21	5.2	28.0	18.8	78.0 mm (3.1 in)	52.0 mm (2.1 in)
Riser (OFNR)	0.28	7.1	48.0	32.3	106.5 mm (4.2 in)	71.0 mm (2.8 in)



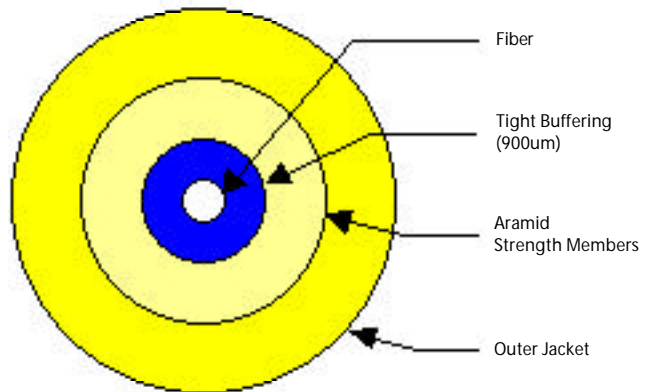
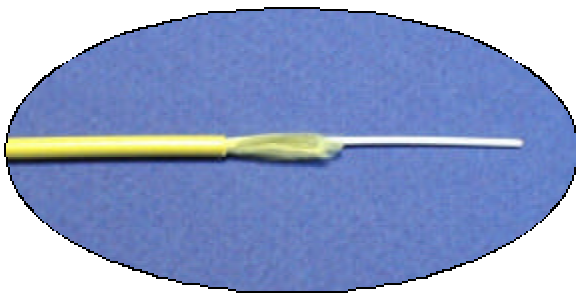
ZIPCORD

Rating	Outside Diameter		Weight		Bend Radius Installation	Long Term
	inches	mm	kg/km	lb/1000ft		
Plenum (OFNP)	0.11 x 0.23	2.9 x 5.9	15.40	10.35	43.5 mm (1.7 in)	29.0 mm (1.1 in)
Riser (OFNR)	0.11 x 0.23	2.9 x 5.9	13.50	9.10	43.5 mm (1.7 in)	29.0 mm (1.1 in)



SIMPLEX

Rating	Outside Diameter		Weight		Bend Radius Installation	Long Term
	inches	mm	kg/km	lb/1000ft		
Plenum (OFNP)	0.11	2.9	7.96	5.35	43.5 mm (1.7 in)	29.0 mm (1.1 in)
Riser (OFNR)	0.11	2.9	7.10	4.80	43.5 mm (1.7 in)	29.0 mm (1.1 in)



PE-89, PE-39

Applications

Filled Aerial
Direct Burial Duct

CONDUCTORS

Solid, soft drawn, annealed bare copper

INSULATION:

PE-39

Solid, virgin high-density polyethylene, with telephone industry color-coding.

PE-89

An inner layer of polyethylene or expanded 50% by volume, plus a 0.002" outer wall of color-coded solid polyethylene or polypropylene.

CABLE CORE ASSEMBLY

Twisted pairs with varying lays

SHIELDING OPTIONS

0.008" coated aluminum

0.005" copper

0.005" Alloy 194, gopher-resistant

0.008" coated aluminum plus 0.006" coated steel, gopher-resistant

OUTER JACKET

Black, low density, high molecular weight virgin polyethylene

FOOTAGE MARKING

Printed sequentially every two feet along the outer jacket

FILLING

The entire cable within the outer jacket is flooded with a petrolatum-polyethylene gel filling compound

PE-54, PE-86

Applications

Filled, Direct Burial

CONDUCTORS

Solid, soft drawn, annealed bare copper

INSULATION

Solid, virgin high-density polyethylene, with standard telephone industry color-coding

CABLE CORE ASSEMBLY

Twisted pairs with varying lays

INNER JACKET

Black, low density, high molecular weight virgin polyethylene

SHIELDING OPTIONS

-0.008" (0.203 mm) aluminum tape shield with corrosion-resistant, blue tinted ethylene copolymer coating on both sides, applied longitudinally with overlap.

-Gopher-resistant 0.005" (0.127 mm) corrugated copper-clad stainless steel or 0.005" copper clad alloy tape, applied longitudinally with overlap.

OUTER JACKET

Black, low density, high molecular weight virgin polyethylene

FILLING

The entire cable within the outer jacket is flooded with a petrolatum-polyethylene gel filling compound.

Drop Cable

APPLICATION OF CONSTRUCTION TYPES

Below is a listing which describes the recommended applications for each construction type. Drop Cable Series is intended for applications from -40 F to +140 F and its attenuation remains stable from 0% to 100% relative humidity.

SINGLE

Plain, single drop cable is a well-suited for a wide range of general purpose indoor and outdoor application, aerially and short spans to the house.

MESSENGERED

Messengered cable is recommended for longer spans when higher strength is required to improve reliability in severe weather conditions. A galvanized steel messenger wire is integrally to the coaxial cable by an overall extruded PVC jacket and connecting web.

POLE-TO-HOUSE

A high, flex-life messenger wire is utilized making it ideal for wrapping around span clamps and "P" hooks. The wire can be easily cut for installation purposes and has superior break strength compared to other versions available in similar sizes. Messenger sizes vary; refer to specifications.

POLE-TO-POLE

An extra high strength 0.109 inch (2.77mm) wire with an 1800 pound (8007N) break strength is used for clearance control between power and telephone cables and for resistance to heavy loading such as ice, wind and other hazardous conditions.

SIAMESE

Two single cables are joined by an overall extruded PVC jacket and connecting web for use in apartments and dual plant systems since it is more economical to install one siamese cable than two single cables.

SIAMESE MESSENGERED

A PVC jacketed, galvanized steel wire is integrally attached to the jacket of a siamese cable by an extruded web. the wire acts as a support for the cable in pole-to-house drops. Refer to MESSENGERED, Pole-to-House for an explanation of high flex-life wire.

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Semiflexible Coaxial Cable

UNJACKETED

Application: Recommended for aerial installations in a non-corrosive environment, Unjacketed semiflex cable features bonding of the center conductor to the dielectric and dielectric to the outer conductor. This bonding prevents moisture ingress and facilitates connectorization since it leaves no harmful residue. Unjacketed semiflex cable is not available in the TX10 series.

JACKETED

Application: For aerial applications in urban and coastal environments, Jacketed semiflex cable is recommended where highly corrosive conditions may exist. This cable features a triple bonding process of the center conductor to the dielectric, dielectric to the outer conductor and the outer conductor to the jacket and is designed to withstand more abrasion and mechanical abuse than an unjacketed version. This cable, with the heavy jacket, is designed to withstand more abrasion and mechanical abuse than the standard jacketed burial.

MESSENGERED

Application: Messengered semiflex cable is recommended for aerial feeder installations where strand installation is not practical. T10412 and T10500 semiflex cable is designed with a strong, integral, galvanized solid steel wire which supports the cable in aerial installations. TX10625 and TX10565 semiflex cable features a jacketed galvanized stranded steel wire which also acts as a support, relieving the cable from undue tension. Resting ladders on messengered cable is not recommended.

JACKETED BURIAL

Application: Jacketed Burial semiflex cable is recommended for underground applications in conduit or direct burial installations. This version features a cold flowing, self-healing flooding compound for underground applications, providing an additional layer of corrosion protection. For aerial applications, non-dripping asphaltic flooding compound is used which also serves as an additional layer of corrosion protection.

ARMORED

Application: Where cable is exposed to extensive mechanical abuse and rodent attack, Armored semiflex cable is recommended. Used for direct burial applications, Armored semiflex cable features a flooded steel tape and jacket which are layered over the standard flooded jacketed cable to increase mechanical strength.

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