

▶ Fiber Optic Cables

DESCRIPTION



These cables are meant for inside plant environment where water is not present and the temperature range is from -20oC to +70oC. Breakout cables are included, which are easy to connectorize because each fiber is an individual simplex cable. Premise cables are more economical because each fiber does not have its own individual jacket. However, in order to terminate premise cables, a breakout kit must first be installed onto the cable end. Also available are plenum breakout and plenum premise styles. All cables meet UL and NEC 770 ratings for OFN, OFNR or OFNP (plenum).

BENEFITS



Inside or Outside Environment Tested

FEATURES



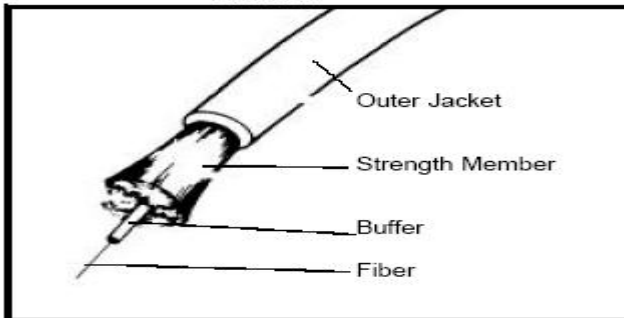
Simplex Fiber Optic Cable

Duplex Fiber Optic Cable

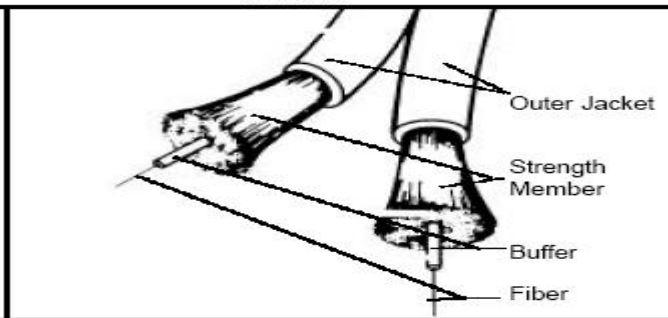
Breakout Multifiber Cable

Premise Multifiber Cable

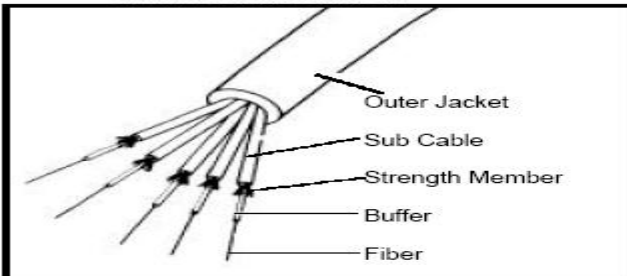
SIMPLEX



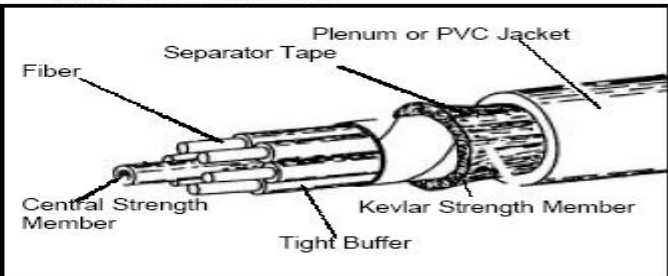
DUPLEX



BREAKOUT MULTIFIBER



PREMISE MULTIFIBER



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SPECIFICATIONS

ORDERING INFORMATION

CABLE TYPE	# OF FIBERS	FIBER TYPE	ATTENUATION	BANDWIDTH
T- Tight Buffered for Simplex & Duplex H- Heavy Duty Loose Tube P- Plenum for Simplex & Duplex B- Breakout Multifiber L- Loose Tube Duck PR- Premise PPR- Plenum Premise PB- Plenum Breakout	Please specify the number of fibers your order requires	E- 50/125 K- 62/125 J- 100/140 SM- 9/125 Q- Specialty Fiber (Describe)	For 850/1300 (multimode) For 1300/1550 (singlemode)	A- 400/400 (50/125 fiber) C- 160/500 (62/125 FDDI) D- 100/100 Y- Other

Special Applications

ARMORED CABLES

For most burial applications, Heavy Duty Cables (double jacketed) are sufficient. Armoring is only used where required by electrical code or where rodents are a major problem.

MILITARY TACTICAL OR RUGGEDIZED CABLES

These cables were originally developed for military field deployment, so they are extremely abuse-resistant. They will withstand being run over by trucks or other heavy equipment and can be spooled and respoiled many times without damage. Commercial applications include on-location broadcasting or at any temporary fiber optic installation where the cable is subject to vehicular traffic. Tactical cables would also be the only type suitable for connecting to video cameras in elevators.

NON-HALOGEN, LOW SMOKE CABLES

Non-halogen, low smoke fiber optic cables are used in applications requiring lower toxicity and less smoke than plenum cables. Many government regulations now require this type of cable construction. These cables meet MIL-C024643 and many other specifications.

HYBRID CABLES

Hybrid cables combine both fiber and copper cables in the same jacket. There are two basic types of copper cables which are normally involved. Twisted pair-fiber combinations are used where the requirements are for different communications media for data or telephone applications. Or power cable can be combined with fiber. A power-fiber hybrid cable could be used for CCTV applications to supply both low voltage power to the camera and fiber to the video fiber optic transmitter.

SPECIALTY FIBER CABLES

If you have a requirement for a custom cable incorporating specialty fibers, contact Radiant Communications. We will cable and connectorize almost any type of fiber for any application.



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