

Fiber-optic cable - TECHNICAL CHARACTERISTICS

Scope

Suitable for horizontal and vertical connection both outdoor and indoor use.

Supported applications

- FOIRL
- 52/155/1200 Mbps ATM
- fiber channel (FC-PH) at 133/266/531/1062 Mbps
- 10BASE
- 100BASE-FX
- 1000BASE-SX e LX
- 10GBASE-LX4
- FDDI PDM
- 4/16 Mbps Token Ring
- all OM2 category

Technical specifications

- indoor and outdoor use
- 50/125 μ m loose multimode cables
- cat. OM2 cables
- 4 or 8 fibers
- fiberglass protection against mice
- sheath: LSZH
- reels of 500 or 2000 m, custom-made cutting (min. 100 m)

Conformity to Standards

ANSI/TIA/EIA 568 B, ISO/IEC 11801, CEI EN 50173

Mechanical specifications

Fiber number	Diameter mm	Bend Radius (mm)	Weight (kg/km)	Max tensile strength (N)
4/8	6,4	140	48	1.250

Optic performance

Bandwidth (MHz x Km)		Max link length per 1 Gbit/s (m)		Max attenuation (dB/Km)	
850 nm	1300 nm	850 mm	1300 mm	850 mm	1300 mm
500	500	550	550	2,4	0,6

Fiber-optic cables

Fiber-optic cable

03150.1 50/125 µm multimode loose cable, 4 fibers, with LSZH sheath - 500 m reel

03150.2 50/125 µm multimode loose cable, 4 fibers, with LSZH sheath - 2000 m reel



03150.1



03150.2

Fiber-optic cable

03151.1 50/125 µm multimode loose cable, 8 fibers, with LSZH sheath - 500 m reel

03151.2 50/125 µm multimode loose cable, 8 fibers, with LSZH sheath - 2000 m reel



03151.1



03151.2