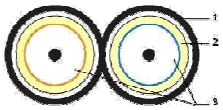
Fiber Optic Indoor Cable

Specification

The cable meets EIA-TIA 455 and IEC-60794
Optical characteristics meets ISO/IEC 11801
Meets IEC 60332-1 fire safety standard



1–Jacket
2–Hydrophobous Extender
3–Fiber Optic

Description

Fiber optic cable, multi-mode and single-mode, 2 fibers
General purpose indoor LAN cable
Suitable for installation in a work area, premises wiring, patch cords
Short distance data transmission

Material

Conductive material: optical fiber 9/125µ, 50/125µ, 62.5/125µ
Fiber insulation: tight buffer
Armoring and waterproofing: dielectric aramid strength yarns
Outer jacket: flame-retardant PVC (polyvinylchloride)

Technical Characteristic

Fiber diameter	125 ± 1µm	Tension force (operation)	250 N
The insulated fiber diameter	242 ± 7µm	Crushing force	220 N/cm (558.8 N/in)
Fiber jacket diameter	0.9 mm (0.03")	Impact resistance	1.5 N*m (4.92 N*ft)
Cable outer diameter	2.8 x 6.0 mm (0.11 x 0.24")	Flexing resistance	1000 cycles
Fiber jacket tensile strength	1.3-8.9 N	Cabling temperature	-5°C – +50°C (+23°F – +122°F)
Fiber jacket out-of-roundness	1% or less	Operation temperature	-25°C – +75°C (-13°F – +167°F)
Minimum bend radius	42 mm (1.65")	Storage temperature	-25°C – +75°C (-13°F – +167°F)
Max. number of bends	10 000 times	Weight of 1 km of cable	15.4 kg
Tension force (cabling)	450 N	Standard packing	1000 m (3280.84 ft)

Ordering Information

HIFLN-**50**-**02**	i-Net Networks Horizontal Indoor Fiber Cable Loose Tube Multimode 50/125µ 2 Core Non LSZH
HIFLL-**50**-**02**	i-Net Networks Horizontal Indoor Fiber Cable Loose Tube Multimode 50/125µ 2 Core LSZH
50	**50**—Multimode 50/125µ, **62**—Multimode 62.5/125µ, **09**—Singlemode 9/125µ
02	**02**—2Core