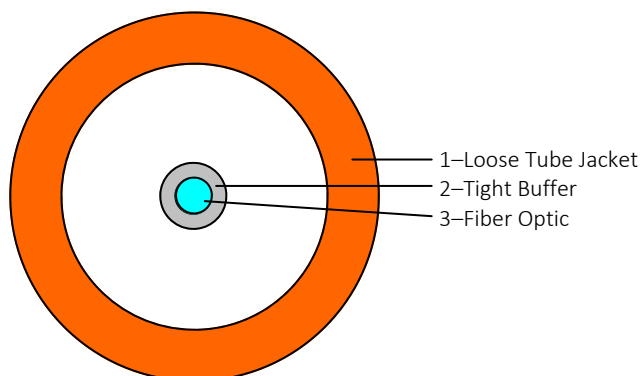


i-Net Networks Fiber Optic Loose Tube Cable



Compliance

Meets EIA-TIA 492
Meets IEC-60794
Meets ITU standards
Meets ISO/IEC 11801
Meets IEC 60332-1

Description

Up to 4 fiber
Multimode and Singlemode
General purpose indoor cable
Suitable for work area, premises wiring, patch cords

Material

Conductive material:
Optical fiber 9/125 μ , 62.5/125 μ , 50/125 μ

Fiber insulation:
Tight buffer

Outer jacket:
Low Smoke Zero Halogen

Technical

Fiber diameter	125 $\pm$ 1 μ m	Tension force (Operating)	250 N
The insulated fiber diameter	242 $\pm$ 7 μ m	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	2mm & 3mm	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	Operating 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	Simplex: 6.4kg/Duplex: 12.8kg
Tension force (cabling)	450 N	Standard packing	1000 m (3,280.84 ft)

Ordering (code change alert: HIFLL old code replaced by new code HILT)

HILT-D-09-02 i-Net Networks Fiber Optic Loose Tube Cable Duplex Singlemode 9/125 μ G652.D 2Core LSZH

HILT-D-09-657A2-02 i-Net Networks Fiber Optic Loose Tube Cable Duplex Singlemode 9/125 μ G657.A2 2Core LSZH

D S-Simplex, D-Duplex

09 09-Singlemode 9/125 μ G652.D 53-Multimode 50/125 μ OM3
62-Multimode 62.5/125 μ OM1 54-Multimode 50/125 μ OM4
50-Multimode 50/125 μ OM2 55-Multimode 50/125 μ OM5

657A2 657A1-Singlemode 9/125 μ G657.A1
657A2-Singlemode 9/125 μ G657.A2

02 1-1Core, 2-2Core, 4-4Core, 6-6Core, 8-8Core, 12-12Core