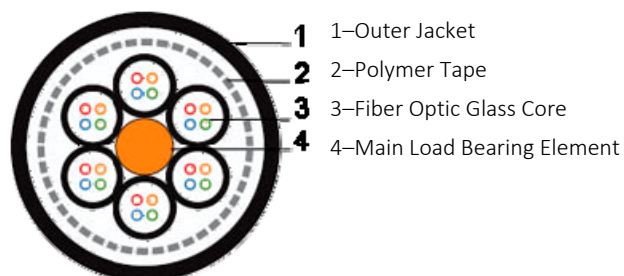


i-Net Networks Fiber Optic Multi Loose Tube Cable



- 1—Outer Jacket
- 2—Polymer Tape
- 3—Fiber Optic Glass Core
- 4—Main Load Bearing Element

Compliance

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

Description

Fiber optic cable, multi loose tube, 24~288 fibers
General purpose LAN cable for indoor and outdoor
Inter/intra-building, campus backbone and building riser cabling

Material

Conducting material:
Optical Fiber 9/125 μ , 62.5/125 μ , 50/125 μ
Fiber insulation:
Polybutylene terephthalate module (tube)
Armor & Waterproofing:
Dielectric aramid strength yarns
Filled with waterproofing thixotropic gel
Central strength member & Outer jacket:
Dielectric load-bearing element
UV-resistant high density polyethylene (HDPE)

Technical

Fiber diameter	125 $\pm$ 1 μ m	Tension force (Operating)	900 N
The insulated fiber diameter	242 $\pm$ 7 μ m	Crushing force	440 N/cm (1117.6 N/in)
Fiber jacket diameter	2.1 mm (0.08")	Repeated impact resistance	300 cycles
Cable outer diameter	8~13.9 mm (0.35~0.55")	Flexing resistance	25 cycles
Fiber jacket tensile strength	1.3-8.9 N	Operating temperature	-40°C~+75°C (-40°F~+167°F)
Fiber jacket out-of-roundness	1% or less	Storage temperature	-40°C~+75°C (-40°F~+167°F)
Minimum bend radius	195 mm (7.68")	Weight of 1 km of cable	75~400 kg (165.34~881.84 lbs)
Tension force (cabling)	1500 N	Standard packing	2000 m (6561.6 ft)

Ordering

RMLN-09-24	i-Net Networks Fiber Optic Multi Loose Tube Cable Singlemode 9/125 μ G652.D 24Core Non LSZH		
RMLN-09-657A2-24	i-Net Networks Fiber Optic Multi Loose Tube Cable Singlemode 9/125 μ G657.A2 24Core Non LSZH		
N	N-Non-LSZH, L-LSZH		
50	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		
24	24-24Core, 36-36Core, 48-48Core, 96-96Core, 144-144Core, 192-192Core, 240-240Core, 288-288Core		