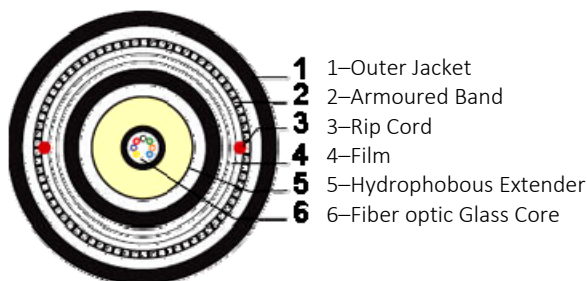


i-Net Networks Fiber Optic Armoured Single Loose Tube Cable



Compliance

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

Description

Fiber optic cable, single loose tube, 2~12 fibers
Waterproof steel armoured band
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)
Armour and waterproofing:
Corrugated steel band
Filled with waterproofing thixotropic gel
Outer sheathing:
UV-resistant high density polyethylene (HDPE)

Technical

Fiber diameter	125 $\pm$ 1 μ m	Tension force (Operating)	1600 N
The insulated fiber diameter	242 $\pm$ 7 μ m	Crushing force	800 N/cm (24384 N/ft)
Fiber jacket diameter	2.1 mm (0.08")	Repeated impact resistance	N=20
Cable outer diameter	11.9 mm (0.47")	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	238 mm (9.38")	Weight of 1 km of cable	75~150 kg (165.34~330.69 lbs)
Tension force (cabling)	2700 N	Standard packing	2000 m (6561.6 ft)

Ordering

RASLN-09-04	i-Net Networks Fiber Optic Armoured Single Loose Tube Cable Singlemode 9/125 μ G652.D 4Core Non LSZH		
RASLN-09-657A2-04	i-Net Networks Fiber Optic Armoured Single Loose Tube Cable Singlemode 9/125 μ G657.A2 4Core Non LSZH		
N	N-Non-LSZH, L-LSZH		
09	09-Singlemode 9/125 μ G652.D	53	Multimode 50/125 μ OM3
50	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		
04	02-2Core, 04-4Core, 06-6Core, 08-8Core, 12-12Core		