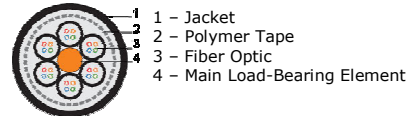


## Fiber Optic Multi Loose Tube Cable

### Specification

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



### Description

Fiber optic cable, multi loose tube, 24 – 288 fibers  
General purpose LAN cable for Indoor and Outdoor  
Campus backbone and building riser cabling  
Inter/Intra-building routing

### Material

Conductive material: optical fiber 9/125μ, 50/125μ, 62.5/125μ  
Armoring and waterproofing: dielectric aramid strength yarns  
Outer jacket: UV-resistant Halogen Free Flame Retardant (HFFR)  
Central strength member: dielectric load-bearing element

### Technical Characteristic

Fiber diameter	125 ± 1μm	Tension force (operation)	900 N
The insulated fiber diameter	242 ± 7μm	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	8.8/10.9/13.9 mm (0.35/0.43/0.55")	Cabling temperature	-20°C – +70°C (-4°F – +158°F)
Fiber jacket tensile strength	1.3-8.9 N	Operation 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	130/145/195 mm (5.12/5.71/7.68")	Weight of 1 km of cable	75~400 kg (165.34~881.84 lbs)
Tension force (cabling)	1500 N	Standard bunch	1000 m (3280.84 ft)

### Ordering Information

RMLN- <b>50-024</b>	i-Net Networks Riser Cable Multi Loose Tube Multimode 50/125μ 24 Core Non LSZH
RMLL- <b>50-024</b>	i-Net Networks Riser Cable Multi Loose Tube Multimode 50/125μ 24 Core LSZH
<b>50</b>	<b>50</b> —Multimode 50/125μ, <b>62</b> —Multimode 62.5/125μ, <b>09</b> —Singlemode 9/125μ
<b>024</b>	<b>024</b> —24Core, <b>048</b> —48Core, <b>096</b> —96Core, <b>144</b> —144Core, <b>192</b> —192Core, <b>240</b> —240Core, <b>288</b> —288Core