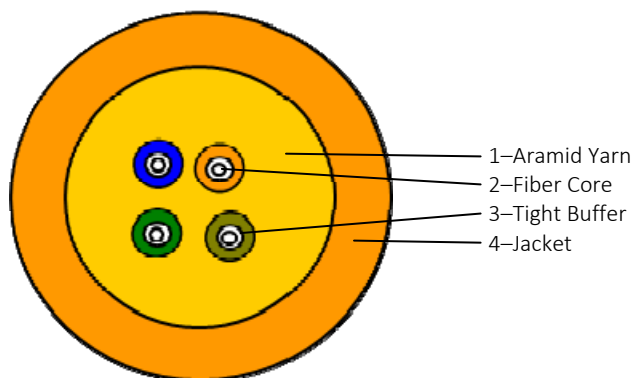


i-Net Networks Fiber Optic Aramid Yarn Cable



Compliance

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

Description

Up to 12 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
Armoring and waterproofing: Dielectric aramid strength yarns
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	7.7 kg
Tension force (cabling)	450 N	Standard packing	1000 m (3,280.84 ft)

Ordering (code change alert: HIFZ old code replaced by new code HIAY)

HIAY-09-12	i-Net Networks Fiber Optic Tight Buffer Cable Singlemode 9/125 μ G652.D 12Core LSZH	
HIAY-09-657A2-12	i-Net Networks Fiber Optic Tight Buffer Cable Singlemode 9/125 μ G657.A2 12Core LSZH	
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	
12	1-1Core, 2-2Core, 4-4Core, 6-6Core, 8-8Core, 12-12Core	