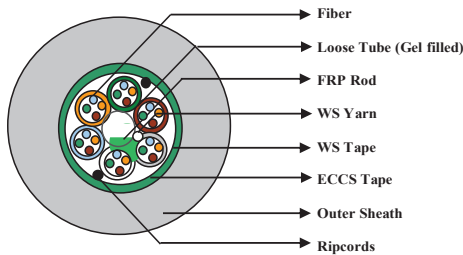
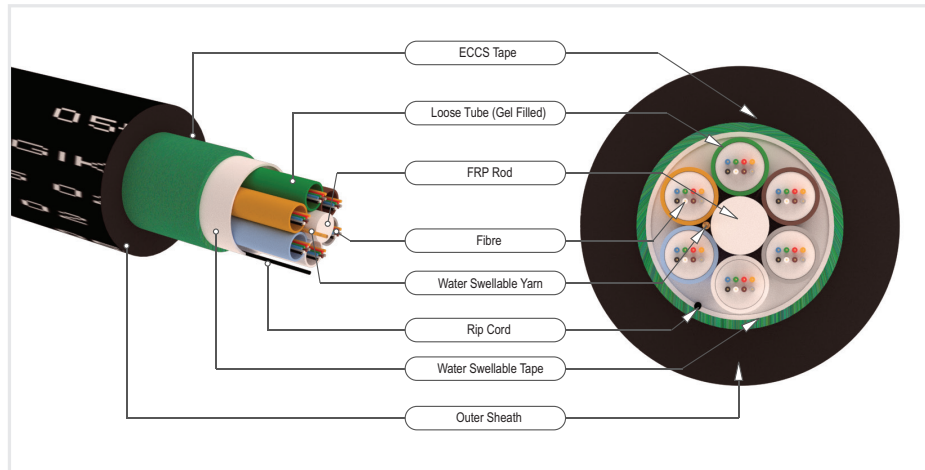
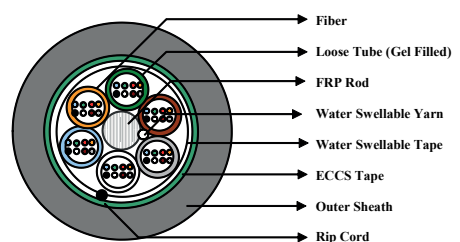


### Multi Mode 62.5/125µ Multitube Armoured Fiber Optic Cable – 24F, 48F Cables

Techlogiks armoured loose tube cables are the product of choice as the backbone in Outside Plant (OSP) environments. The rugged loose tube design offers reliable transmission performance over a broad temperature range. Optical Fibers and water-blocking elements are placed inside buffer tubes. The core is constructed by stranding the buffer tubes around a central member. The core is wrapped with flexible strength members covered with a polyester tape then encased with a black inner jacket. An ECCS armoured is applied and a black outer jacket completes the cable construction. Rip cords are included under the inner jacket and armoured for ease of entry.



**24F Cable**



**48F Cable**

**Standards Compliance :**

*Telecordia GR-20, IEC 60794, EIA/TIA, ITU-T, EN187000, RUS1755.900*

**Applications :**

*Direct bury and underground duct, Trunk, distribution and feeder cable, Local Loop, Metro, Long-haul and broadband network.*

**Advantages:**

*High Fiber density, Multiple network applications, Reduces cable prep and installation time, Reduces the number of tools required, Improves compressive strength and rodent protection.*

Optical Fibre Characteristics		
Fibre Type	62.5 µm (OM1)	
Attenuation	at 1310 nm	≤ 3.2 dB/km
	at 1550 nm	≤ 1.2 dB/km
Bandwidth	850 nm	≥ 200 MHz.km
	1300 nm	≥ 600 MHz.km
Core Diameter	62.5 ± 2.5 µm	
Core Cladding Concentricity Error	≤ 1 µm	
Cladding Diameter	125 ± 1 µm	
Cladding Non-circularity	≤ 1 %	
Coating Diameter	250 ± 15 µm	

Cable Construction Details										
Parameter	Dimensions	Type, Color								
48F										
Number of Loose Tubes	8	Color	Bl	Or	Gr	Br	Sl	Wh	Rd	Bk
Number of Loose Tubes	6	Color	Bl	Or	Gr	Br	Sl	Wh		
24F										
Number of Loose Tubes	4	Color	Bl	Or	Gr	Br				
Number of Loose Tubes	6	Color	Bl	Or	Gr	Br	Sl	Wh		
Moisture Barrier	---	Water Swellable Yarn & Water Swellable Tapes								
		48F								24F
Loose Tube ID/OD-PBT		1.5/2.2 ± 0.1 mm				1.2/1.9 ± 0.1 mm				
Central Strength Member-FRP Rod		2.3 ± 0.1 mm				2.0 ± 0.1 mm				
Corrugated Steel Armoring - ECCS Tape		0.150 mm				0.150 mm				
Outer Sheath-LSOH-Black		1.5 mm (Nom)				1.5 mm (Nom)				
Number of Ripcords - Polyester		1				2				
Overall Cable Diameter		12.0 ± 0.5 mm				11.0 ± 0.5 mm				
Cable Weight		160± 20kg/km				140 ± 15 kg/km				

Cable Mechanical Characteristics		
Tight Fiber	48F	24F
Tensile Strength	2000 N	1500 N
Crush Resistance	2000 N	2000 N
Impact Strength	25 N.m	25 N.m
Torsion	± 180 °	± 180 °
Minimum Bend Radius	20 X D	20 X D

Temperature Performance	
Installation	-20 °C to + 70 °C
Operation	-20 °C to + 70 °C
Storage	-20 °C to + 70 °C

ORDERING INFORMATION	
PART NUMBER	DESCRIPTION
TL-24F-62-AR	24 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC LSZH
TL-48F-62-AR	48 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC LSZH
TL-24F-62-AR-PE	24 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC HDPE
TL-48F-62-AR-PE	48 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC HDPE

ARMoured FIBER CABLE