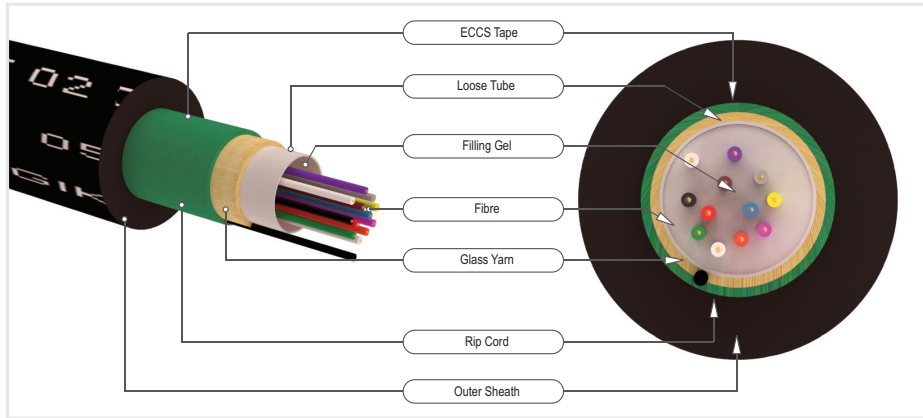


### Multi Mode 62.5/125µ Unitube Armoured Fiber Optic Cable – 2F, 4F, 6F, 8F, 12F Cables

Techlogiks armoured Loose tube cables are the product of choice as the backbone in Outside Plant (OSP) environments. Armoured cables are designed for improved mechanical and rodent protection in direct bury applications. The rugged loose tube design offers reliable transmission performance over a broad temperature range and design features optical Fibers placed inside a single gel-filled tube. An ECCS corrugated steel armoured is applied and a black outer jacket completes the cable construction. Rip cords are included under the armoured for ease of access to the core tube.



#### 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:

Easy Drop, Multiple network applications, Reduces cable prep and installation time, Reduces cost, Easy Installation

#### Cable Construction Details

Parameter	Dimensions	Type, Color												
Number of Fiber per tube	12	Color	Bl	Or	Gr	Br	Sl	Wh	Rd	Bk	Yi	Vi	Pi	Nt
	8	Color	Bl	Or	Gr	Br	Sl	Wh	Rd	Nt				
	6	Color	Bl	Or	Gr	Br	Sl	Nt						
	4	Color	Bl	Or	Gr	Nt								
	2	Color	Nt											
Number of Loose Tubes	1	Color	Nt											
	12F	8F	6F	4F	2F									
Loose Tube ID/OD - PBT	2.0/2.8±0.1 mm	1.7/2.5 ± 0.1 mm	1.7/2.5 ± 0.1 mm	1.7/2.5 ± 0.1 mm	1.7/2.5 ± 0.1 mm									
Peripheral Strength Member	Glass Yarn	Glass Yarn	Glass Yarn	Glass Yarn	Glass Yarn									
Corrugated Steel Armoring - ECCS Tape	0.150 mm	0.150 mm	0.150 mm	0.150 mm	0.150 mm									
Outer Sheath - LSOH-Black	1.8 mm (min.)	1.8 mm (min.)	1.8 mm (min.)	1.8 mm (min.)	1.8 mm (min.)									
Number of Ripcords- Polyester	1	1	1	1	1									
Overall Cable Diameter	8.5 ± 0.5 mm	8.2 ± 0.5 mm	8.2 ± 0.5 mm	8.2 ± 0.5 mm	8.2 ± 0.5 mm									
Cable Weight	95 ± 10 kg/km	90.0 ± 5 kg	90 ± 5 kg/km	90.0 ± 5 kg	90.0 ± 5kg/km									

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 Mechanical Characteristics	
Tensile Strength	750 N
Crush Resistance	2000 N
Impact Strength	5 N.m
Torsion	± 180 °
Minimum Bend Radius	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-02F-62-AR	2 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC LSZH
TL-04F-62-AR	4 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC LSZH
TL-06F-62-AR	6 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC LSZH
TL-08F-62-AR	8 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC LSZH
TL-12F-62-AR	12 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC LSZH
TL-02F-62-AR-PE	2 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC HDPE
TL-04F-62-AR-PE	4 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC HDPE
TL-06F-62-AR-PE	6 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC HDPE
TL-08F-62-AR-PE	8 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC HDPE
TL-12F-62-AR-PE	12 Fiber MM 62.5/125µ Corrugated Steel Armoured Jelly Filled Loose Tube FOC HDPE