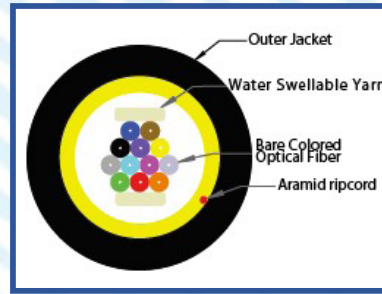


FIS BLUE 12 TO 72 FIBER LOOSE TUBE TAC CABLE

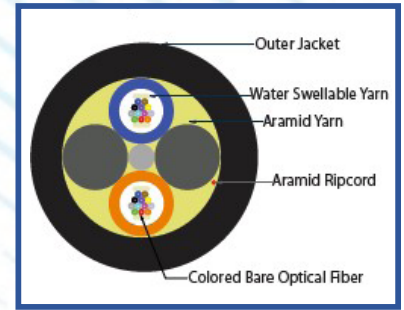


FIS Blue fiber optic Loose-Tube Tac cable consists of a rugged, flexible flame retardant polyurethane outer jacket and 3.0mm sub-units, uniquely designed so that ruggedized MPO/MTP connections can be terminated directly to the cable. The subunits are surrounded by water-blocking Aramid yarn and the cable jacket has an Aramid ripcord.

The dielectric cable construction and its small diameter and bend radius allow for easy deployment in space-constrained areas. In addition, the fibers utilized are Corning's advanced bend-insensitive OM4 or Singlemode fibers, which help to eliminate loss due to bends. This also allows the fan-outs to benefit from a smaller diameter bend radius.



12 Fiber



24 Fiber



Please contact FIS Blue for bulk cable or completed ruggedized MPO/MTP assemblies!

SPECIFICATIONS

MECHANICAL CHARACTERISTICS 12, 24, 36, 48 AND 72 FIBERS

Minimum Bend Radius, Installation (mm)	87 / 153 / 153 / 153 / 186
Minimum Bend Radius, Operation (mm)	62 / 102 / 102 / 102 / 124
Nominal Outer Diameter (mm)	6.2 / 10.2 / 10.2 / 10.2 / 12.4
Weight: 12-f/24-f/36-f/48-f/72-f (lbs/Km)	80 / 150 / 150 / 150 / 220

SPECIFICATIONS

OPTICAL CHARACTERISTICS

	OS2	OS4
Core Size	9µm	50µm
Wavelengths	1310nm/1550nm	850nm/1300nm
Max. Attenuation	0.35/0.2 dB/Km	2.3/0.6 dB/Km
Bandwidth		2000 MHz @ 850
Length (10Gb/s)		2000 MHz @ 850
Standard	ITU-T G.652 D ITU-T G.657 A2/B2	ISO/IEC 11801

SPECIFICATIONS

CABLE CHARACTERISTICS

Fiber Count	12, 24, 36, 48 and 72
Dielectric Strength Member	FRP Rod
Ripcord	1
Outer Jacket Material	Flame Retardant Polyurethane
Outer Jacket Color	Black

SPECIFICATIONS

TEMPERATURE RANGE

Storage Temperature	-40 C to +70 C
Operating Temperature	-20 C to +70 C

ORDERING INFORMATION

Fiber Count	OS2	OM4 (50µm)
12 - Fiber	FB-SM-TACLT-12	FB-50-TACLT-12
24 - Fiber	FB-SM-TACLT-24	FB-50-TACLT-24
36 - Fiber	FB-SM-TACLT-36	FB-50-TACLT-36
48 - Fiber	FB-SM-TACLT-48	FB-50-TACLT-48
72 - Fiber	FB-SM-TACLT-72	FB-50-TACLT-72

161 Clear Road, Building One | Oriskany, NY 13424 | www.fisblue.com | info@fisblue.com | 1.877.347.0091

