

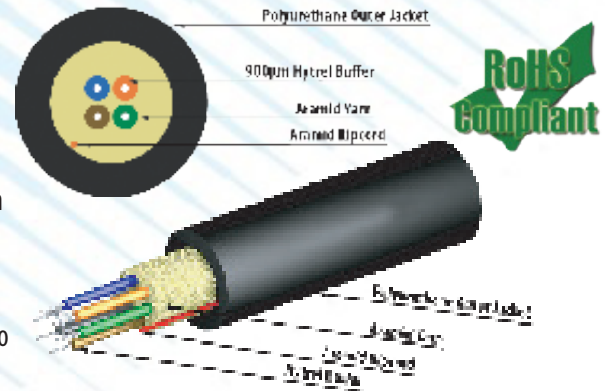
FIS BLUE RODENT-DETERRENT 2, 4, 6 & 12 FIBER TACTICAL CABLE



FIS Blue fiber optic tactical cable consists of a rugged, flexible flame retardant polyurethane outer jacket and either 2, 4, 6, or 12 Hytrel (hard elastomeric) tight-buffered fibers surrounded by Aramid yarn and an Aramid ripcord.

The jacket is pressure extruded over the strength member which allows the pulling device to be attached directly to the cable's outer jacket. This will transfer the pulling force directly to the strength members with no slippage.

The rodent-deterrent tactical cable utilizes a bittering agent in the outer jacket. As opposed to additional deterrent layers in the cable construction, this bittering agent in the outer jacket means no extra size or weight. This is a non-toxic and effective way to deter rodents from damaging the cable.



SPECIFICATIONS

MECHANICAL CHARACTERISTICS

Minimum Bend Radius, Installation (mm)	58 / 58 / 61 / 70
Minimum Bend Radius, Operation (mm)	29 / 29 / 31 / 35
Nominal Outer Diameter (mm)	5.8 / 5.8 / 6.1 / 7.0
Weight: 2-f/4-f/6-f/8-f/12-f (lbs/Km)	64 / 66 / 72 / 80
Impact Resistance	TIA/EIA - 455-25C (military requirement) 6.6lb-f
Flexibility	TIA/EIA - 455-104A (military requirement) Tensile Mass 5kg, 20 x cable diameter
Twist Resistance	TIA/EIA 455-85-A (military requirement)
Compressive Load	TIA/EIA 455-41A (military requirement)
Maximum Tensile Strength, Short Term	TIA/EIA - 455-33B (military requirement) 300lb-f /100 meters
Maximum Tensile Strength, Long Term	TIA/EIA - 455-33B (military requirement) 90lb-f /100 meters

OPTICAL CHARACTERISTICS

	0S2	0M1	0M4
Core Size	9µm	62.5µm	50µm
Wavelengths	1310nm/1550nm	850nm/1300nm	850nm/1300nm
Max. Attenuation	0.5 dB/Km	3.5 dB/Km	3.5 dB/Km
Bandwidth	-	220 MHz @ 850nm	2000 MHz @ 850nm
Link Length (10Gb/s)	-	30 mtrs	550 mtrs
Standard	ITU-T G.652 D ITU-T G.657 A2/B2	ISO/IEC 11801	ISO/IEC 11801

CABLE CHARACTERISTICS

Fiber Count	2, 4, 6 and 12
Dielectric Strength Member	Aramid Yarn
Ripcord	1
Outer Jacket Material	Thermoplastic Polyurethane
Outer Jacket Color	Black

TEMPERATURE RANGE

Storage Temperature	-57 C to +85 C
Operating Temperature	-46 C to +71 C

ORDERING INFORMATION

	*0S2	0M1 (62.5µm)	*0M4 (50µm)
2-Fiber	FB-SM-TACCABLE-2-RD	FB-MM-TACCABLE-2-RD	FB-OM4-TACCABLE-2-RD
4-Fiber	FB-SM-TACCABLE-4-RD	FB-MM-TACCABLE-4-RD	FB-OM4-TACCABLE-4-RD
6-Fiber	FB-SM-TACCABLE-6-RD	FB-MM-TACCABLE-6-RD	FB-OM4-TACCABLE-6-RD
12-Fiber	FB-SM-TACCABLE-12-RD	FB-MM-TACCABLE-12-RD	FB-OM4-TACCABLE-12-RD

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