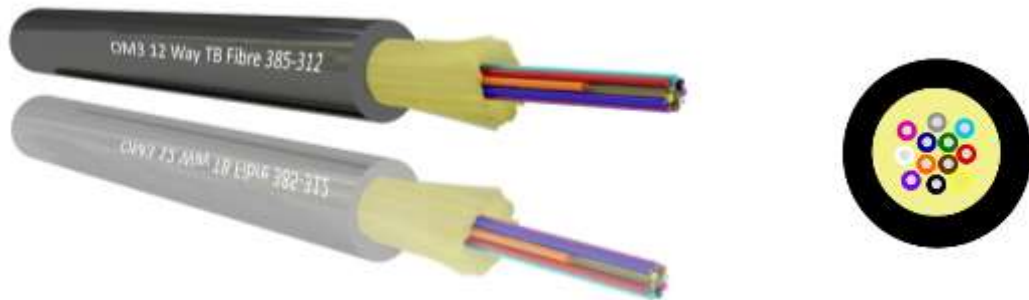


Datasheet

RS Pro OM3 12 Way TB Fibre

Stock No.: 2149628, 2149629



Technical Specifications:

Fibre Count	12
Fibre Type	MM (OM3)
Maximum Cabled Attenuation	850nm : < 3.0 & 1300nm : < 1.0 dB/km
Tight Buffer	Diameter: 0.90 ± 0.05 mm Colour Sequence: Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua
Peripheral Strength Members	High Strength Aramid Yarns
Outer Sheath Material	LSZH Outer Jacket
Nominal Cable Dimensions	7.0 ± 0.5 mm

Nominal Cable Weight	45 ± 10% kg/km
Length Multiple	2 ± 5% Km - Wooden Drums
Cable Performance Standards	Cable complies to the following standards IEC 60793, IEC 60794, GR 409, ITU-T, RoHS, REACH.
Note	The accuracy of marking shall be + 0.5%. Occasional loss of printing & remarking shall be as per Bell core GR 20 and this supersedes the earlier markings.

Mechanical & Environmental Characteristics:

Tensile Strength	IEC-60794-1-21-E1	500 N
Crush Resistance	IEC-60794-1-21-E3	500 N/100mm
Impact Strength	IEC-60794-1-21-E4	1 Nm
Torsion	IEC-60794-1-21-E7	±180°
Min. Bend Radius (During Installation)	IEC-60794-1-21-E11	20 D
Min. Bend Radius (After Installation)	IEC-60794-1-21-E11	15 D
Temp. Performance	Max. change in attenuation shall be $\leq 0.15 \text{ dB/km}$	
Installation	-0°C to +50°C	
Operation	-20°C to +70°C	
Storage	-20°C to +70°C	

Note: All tests shall be carried out as per IEC standards. Change in attenuation after and before testing shall be $\leq 0.1 \text{ dB/km}$

