

Spectrum OS2 12 Way TB Fibre **multicomp**PRO

**RoHS
Compliant**

Cable Construction

Fibre Count	: 12
Fibre Type	: OS2 (Evolution ITU-T G.657 A1)
Maximum Cabled Attenuation	: 1310nm : 0.4 & 1550nm : 0.3dB/km
Tight Buffer	: Diameter: 0.9 ± 0.05 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
Marking	: Evolution XPC Spectrum OS2 12 Way TB Fibre 385-212
Link Design PMD	: ≤ 0.1 ps/sqrt.km
Nominal Cable Dimensions	: 7 ± 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, 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	500N/100mm
Impact Strength	: IEC-60794-1-21-E4	1Nm
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	: IEC-60794-1-21-F1	Max. change in attenuation shall be ≤ 0.15 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 ≤ 0.1 dB/km

Part Number Table

Description	Part Number
Spectrum OS2 12 Way TB Fibre, 100m	MP007799
Spectrum OS2 12 Way TB Fibre, 200m	MP007800

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