

# Spectrum OS2 8 Way TB Fibre multicomp<sup>PRO</sup>

RoHS  
Compliant

## Cable Construction

Fibre Count	: 8
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
Peripheral Strength Members	: High Strength Aramid Yarns
Outer Sheath Material	: LSZH Outer Jacket
Marking	: Evolution XPC Spectrum OS2 8 Way TB Fibre 385-208
Link Design PMD	: <math>\leq 0.1 \text{ ps}/\sqrt{\text{km}}</math>
Nominal Cable Dimensions	: 6 ± 0.5 mm
Nominal Cable Weight	: 29 ± 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 <math>\leq 0.15 \text{ dB}/\text{km}</math>
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 <math>\leq 0.1 \text{ dB}/\text{km}</math>

## Part Number Table

Description	Part Number
Spectrum OS2 8 Way TB Fibre, 100m	MP007797
Spectrum OS2 8 Way TB Fibre, 200m	MP007798

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