

# Spectrum OM3 4 Way TB Fibre **multicomp** PRO

**RoHS  
Compliant**

## Cable Construction

Fibre Count	: 4
Fibre Type	: MM (OM3)
Maximum Cabled Attenuation	: 850nm : < 3 & 1300nm : < 1 dB/km
Tight Buffer	: Diameter: 0.9 ± 0.05 Colour Sequence: Blue, Orange, Green, Brown
Peripheral Strength Members	: High Strength Aramid Yarns
Outer Sheath Material	: LSZH Outer Jacket
Marking	: Evolution XPC Spectrum OM3 4 Way TB Fibre 385-304
Nominal Cable Dimensions	: 5.2 ± 0.5mm
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	500N
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	20D
Min. Bend Radius (After Installation)	IEC-60794-1-21-E11	15D
Temp. Performance	: IEC-60794-1-21-F1	Max. change in attenuation shall be <math>\leq 0.15\text{ dB/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/km}</math>

## Part Number Table

Description	Part Number
Spectrum OM3 4 Way TB Fibre, 100m	MP007801
Spectrum OM3 4 Way TB Fibre, 200m	MP007802

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
Element14.com/multicomp-pro

**multicomp** PRO