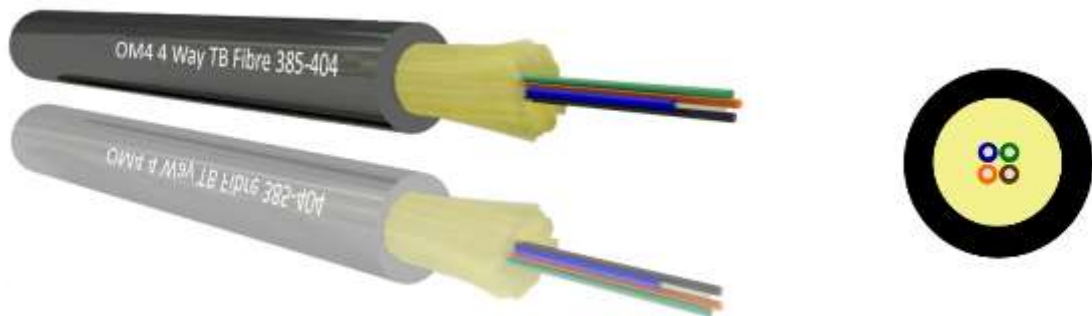


## Datasheet

# RS Pro OM4 4 Way TB Fibre

Stock No.: 2149632, 2149631



### Technical Specifications:

|                                    |  |
|------------------------------------|--|
| <b>Fibre Count</b>                 | 4  |
| <b>Fibre Type</b>                  | MM (OM4)   |
| <b>Maximum Cabled Attenuation</b>  | 850nm : < 3.0 & 1300nm : < 1.0 dB/km                                 |
| <b>Tight Buffer</b>                | Diameter: 0.90 ± 0.05<br>Colour Sequence: Blue, Orange, Green, Brown |
| <b>Peripheral Strength Members</b> | High Strength Aramid Yarns   |
| <b>Outer Sheath Material</b>       | LSZH Outer Jacket  |
| <b>Nominal Cable Dimensions</b>    | 5.2 ± 0.5 mm   |

|                                    |  |
|------------------------------------|--|
| <b>Nominal Cable Weight</b>        | 29 ± 10%kg/km  |
| <b>Length Multiple</b>             | 2 ± 5% Km - Wooden Drums   |
| <b>Cable Performance Standards</b> | Cable complies to the following standards IEC 60793, IEC 60794, GR 409, ITU-T, RoHS, REACH.  |
| <b>Note</b>                        | 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:

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

