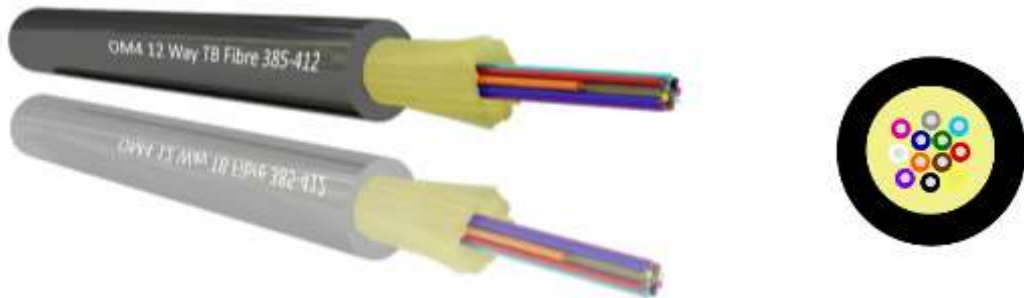


## Datasheet

# RS Pro OM4 12 Way TB Fibre

Stock No.: 2149635, 2149636



### Technical Specifications:

<b>Fibre Count</b>	12
<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 mm Colour Sequence: Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua
<b>Peripheral Strength Members</b>	High Strength Aramid Yarns
<b>Outer Sheath Material</b>	LSZH Outer Jacket
<b>Nominal Cable Dimensions</b>	7.0 ± 0.5 mm

<b>Nominal Cable Weight</b>	45 ± 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>

