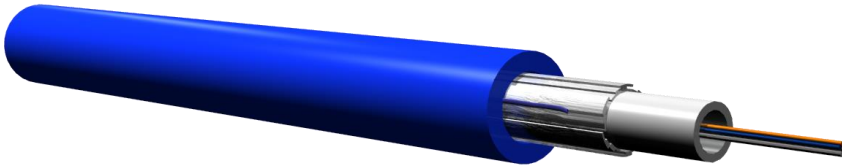
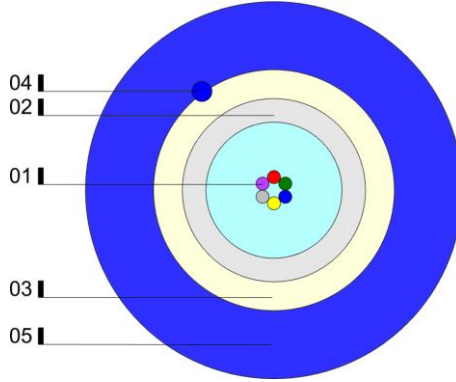


# DLS-FOSC (Leakage FO Sensing Cable) / ETW.40.205

Dielectric Sensing Optical Cable (UP TO 24 FO)

**Cable Description**

- 01. Fibre Optics
- 02. Loose Tube
- 03. Strength Members
- 04. Ripcord
- 05. Outer Jacket



**Applications**

- Outdoor
- Temperature Sensing Applications
- Raman Detection
- Acoustic Detection

**Features**

- Dielectric
- Tough
- Compact
- Flexible
- Reduced diameter
- Rodent resistant



**SPECIFICATIONS**

<b>Fibre Count</b>	UP TO 12	16 and 24
<b>Strength Members</b>	Dielectric Armouring	
<b>Outer Sheath</b>	Polyethylene - Blue (RAL 5015)	
<b>Weight (Kg/Km)</b>	41	48
<b>Outer Ø (mm)</b>	6.8 ±0.3	7.3 ±0.3
<b>Max. Tensile Load (N)</b>	1800 (according to IEC 60794-1-2 E1)	
<b>Max. Crush (N/10cm)</b>	2000 (according to IEC 60794-1-2 E3)	
<b>Max. Impact (J)</b>	5 (according to IEC 60794-1-2 E4)	
<b>Min Bending Radius (mm)</b>	20 x Outer Diameter (Installation, IEC 60794-1-2 E11)	
<b>Water penetration</b>	Watertight (3m / 24h / 1m / Optical Core / IEC 60794-1-22 F5B)	
<b>Temperature Range</b>	-40°C ~ +70°C (Operating) / -10°C ~ +50°C (Installation) - (IEC 60794-1-2 F1)	

**Standards**

Thermal and mechanical tests: EN187000, IEC60794-1-2.

**Fire Rating**

Halogen Free (IEC-60754-1)

All technical specifications are subject to change without prior notice. Consult OPTRAL for the latest edition.

Fibres colour code (TIA-598): Blue - Orange - Green - Brown - Grey - White - Red - Black - Yellow - Violet - Pink - Turquoise.

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