

Non metallic, anti rodent, UV resistant, loose tube Universal cable.

Description

1 Features

Robust, non metallic fibre optic outdoor and indoor cable with central tube design. High crush resistance for high transmission reliability. Easy handling cable construction by using dry interstices. Non metallic rodent protection. The ripcord is easy to identify for safe opening of the cable sheath. Flame retardant, halogen free FR/LSOH sheath.

2 Application

Connection cable between main and terminal distributors. Can be laid in ducts, on cable platforms, cable trays and vertical shafts. Can be spliced in cable terminal distributors and joints.

3 Optical Characteristics

The cables are available with different types of fibre.

4 General Characteristics

Fibre Count	2 to 24 (Single Mode / Multi Mode OM3 + OM4)
Color	Yellow – Aqua RAL 6027 – Violet
Strength Members	Reinforced Fibreglass Yarns WB (Water Blocking)
Outer Sheath	LSZH-XF 1
Weight (Kg/Km)	72
Outer Ø (mm)	8,2 ±0,5
Max. Tensile Load (N)	2200 (Installation) - (IEC 60794-1-21 E1)
Temperature Range	-20°C to +70°C (Operation) / -10°C to +50°C (Installation) - (IEC 60794-1-22 F1)
Min. Bending Radius (mm)	10 x Outer Ø (Operation) / 15 x Outer Ø (Installation) (IEC 60794-1-21 E11)

Standards

- Flame retardant (EN 60332-1)
- Fire retardant (EN 60332.3/F2)
- Halogen Free (EN 60754-1/2)
- Low Smoke Emission (EN 61034-2)
- CPR Class Cca s1d1a1 (EN 50575)
- UV resistance (ISO 4892-2)
- Anti Rodent
- Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

Fibres colour code:

Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise. With black stripe: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Natural - Turquoise.

