

Indoor Light Duty 62.5/125µm OM1 Type Optical Cable

Features and Benefits

The cable consists of a number of 900m tight buffered optical fibres reinforced with aramid yarns and surrounded in a flame retardant LSZH sheath.

Characteristics- Optical Performance

Max. Attenuation;

At 850 nm: 3.5 dB/km

At 1300 nm: 1.0 dB/km

Min. Bandwidth;

At 850 nm: 200 MHz/km

At 1300 nm: 500 MHz/km

Construction Details

Fibre Identification: Colour Coded
Fibre Insulation: Coloured Nylon
Reinforcing: Aramid Yarns
Sheath: LSZH Orange

Dimensions and Mass

Diameter (Nominal):	2 Core	4.8mm
	4 Core	4.8mm
	6 Core	5.6mm
	8 Core	6.0mm
	12 Core	6.7mm
Mass (Nominal):	2 Core	27 kg/km
	4 Core	27 kg/km
	6 Core	38 kg/km
	8 Core	42 kg/km
	12 Core	50 kg/km

Mechanical and Environmental Performance

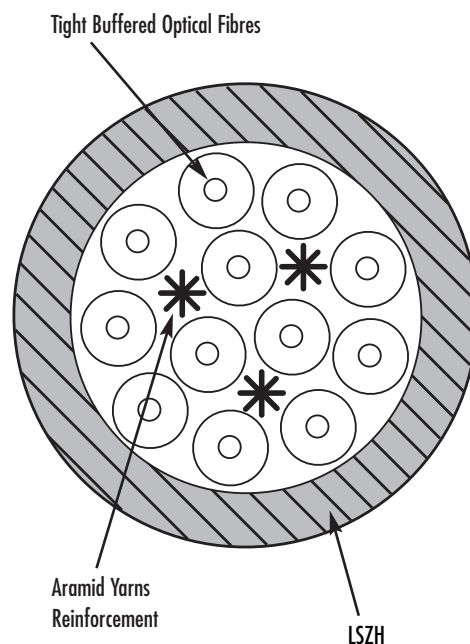
Min. Bending Radius:	2 Core	85mm
-Full Load	4 Core	85mm
	6 Core	105mm
	8 Core	110mm
	12 Core	125mm
Max. Tensile Strength-Short Term:		0.6kN
Operating Temp. Range:		-10°C to +60°C
Crush Resistance-Short Term:		1.0 kN/100mm

Physical Characteristics

Core Diameter:	62.5±3.0µm
Cladding Diameter:	125±1.0µm

Specifications

ISO/IEC 11801- 2nd Edition, Type OM3; AS/ACIF 5008;
AS/NZS 3080; IEC 60793 and ITU-T rec. G.651



ORDERING INFORMATION

Order No.	Description
AFOIR004OM1	4 Core, Indoor Riser, 62.5/125µm, OM1 Type Fibre Cable
AFOIR006OM1	6 Core, Indoor Riser, 62.5/125µm, OM1 Type Fibre Cable
AFOIR008OM1	8 Core, Indoor Riser, 62.5/125µm, OM1 Type Fibre Cable
AFOIR0012OM1	12 Core, Indoor Riser, 62.5/125µm, OM1 Type Fibre Cable

This information is correct as at the time of publication, specifications are subject to change

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