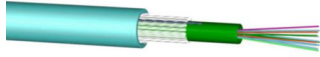


Product sheet



LCS³ LEGRAND

Fiber Optic Cable OM4 Loose Tube 24 Cores
Indoor/Outdoor LSZH Euroclass Cca

REF. 032519 | EAN. 3414972126366

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Product characteristics

- Multi-mode OM4 fibre optic cables. Core/Cladding is 50/125 µm Multimode.
- Loose Tube Sheath 1.5mm. 24 Cores.
- LSZH (Low Smoke Zero Halogen). Euroclass Cca
- OM4 Max 400m at 10 Gigabits in full duplex mode
- Aqua cable sheaths

Recommendation / Restriction

- Cable Technical Specifications (ISO 11801 2nd edition, EN 50173-1:2002, IEC 60794-1). Fibres Technical Specifications [IEC 60793-2-10 : type A1a.3 (in development), EN 60793-2-10: type A1a.3 (in development), TIA/EIA-492 AAAD, EN 50173-1:2007 Amendment AB category OM4, ISO/IEC 11801:2002 Amendment 2 category OM4, IEEE 802.3-2002 incl. amendment 802.3ae - 2002.]

The product's benefits

Installation

- This cable can be used for LAN and WAN backbones, telecom access lines, fibre to business and fibre to the building or the home connections. It is equally suited for installation in ducts and on trays. This cable features a high tensile strength and a degree of rodent protection effective in many cases. OM3 and higher Fiber Optic Cable are typically deployed in data center, LAN, and storage area network.

Usage

- Optical fiber cables offer a higher bandwidth than copper (10 to 12 copper cable for 1 optical fiber cable), and cover a higher distance for the same bandwidth than copper (for a 10 Gigabits bandwidth 90m for copper cable vs 300m for an OM3 optical fiber cable). Also since optical fiber carries light instead of electricity (as in copper cable) it is insensitive to lightning strikes or electrical faults. It does not corrode or rust. As a result fiber reduces maintenance cost and has a proven record of reliability in the field.


Advantages


- Signal light intensity decreases over a given distance. Legrand optical fibers are amongst of the best in the market to keep that attenuation at a minimum. At 850nm attenuation is inferior 2.5 dB/km.
- When a fiber is bent or coiled, the light prefers to carry on in a straight line so tends to want to shoot right out the cladding at a bend. Legrand optical fibers are amongst of the best in the market to keep

those bent induced losses to a minimum. If R is 15mm for a 850nm fiber, bending loss is inferior to 0.1dB.

Documentation

TECHNICAL DOCUMENTATION

 [S000106368FR-01.pdf](#) | PDF (0.09Mo)

 [S000106368EN-01.pdf](#) | PDF (0.09Mo)

Agreements & Certificates

 [DOP-DOP O-FO/004-12220-B](#) | (0.49Mo)

CATALOGUE PAGE & OTHERS

 [ex223001_0997.pdf](#) | PDF (0.06Mo)