

Product sheet



LCS³ LEGRAND

Pre-Terminated Fiber Optic Cable OM3 Tight 6 Fiber LC/LC 90M

REF. 132049 | EAN. 3414971580923

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Product characteristics

- Multi-mode OM3 fibre optic cables. Core/Cladding is 50/125 µm Multimode.
- Insertion and return loss test reports provided
- Pre - Terminated links are part of Legrand 25 years warranty
- OM3 Max 300m at 10 Gigabits in full duplex mode

Recommendation / Restriction

- Fibres Technical Specifications [IEC 60793-2-10 category A1a.2, EN 60793-2-10: type A1a.2, ITU Recommendation G.651, TIA/EIA-492 AAAC, EN 50 173:2002, category OM 3, ISO/IEC 11801:2002, category OM 3, IEEE 802.3 - 2002 incl. amendment 802.3ae - 2002.]

The product's benefits

Installation

- You'll get top-quality fiber cable that's built to your exact specs, fully tested, and shipped ready for installation so you can take care of business.

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 immune 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.


Avantages

- 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

 [S000105432EN-01.pdf](#) | PDF (1.27Mo)

 [S000105432FR-01.pdf](#) | PDF (1.29Mo)

CATALOGUE PAGE & OTHERS

 [ex223001_0998.pdf](#) | PDF (0.16Mo)