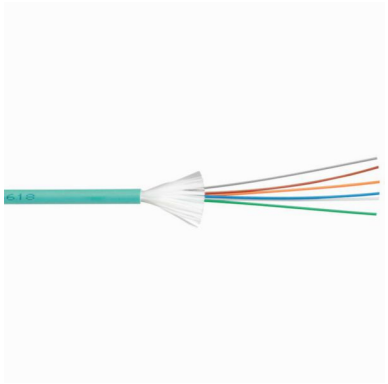
Product sheet



LCS³ LEGRAND

Fibre optic cable OM4 Tight Buffer 6 Cores Indoor/Outdoor LSZH Euroclass Dca s2 d2 a1 reel 1000m

REF. 032666 | EAN. 3245060326661

> Visit e-catalogue

Product charateristics

- OM4 multi-mode 50/125µm
- Tight Buffer Sheath 900µm. 6 Cores.
- OM4 Max 400m at 10 Gigabits in full duplex mode
- LSZH (Low Smoke Zero Halogen). Euroclass Dca-s2,d2,a1
- 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 homme 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 insensible to lighting 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

- Tight buffer cables offer a proprietary "easy strip" feature makes it easy to for the stripping of the sheath using common stripping tools.
- 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

S000081620EN-04.pdf | PDF (0.1Mo)

S000081620FR-04.pdf | PDF (0.13Mo)

Agreements & Certificates

DOP-DoP O-FO_001-12220-A | (0.19Mo)

CATALOGUE PAGE & OTHERS

ex223001_0997.pdf | PDF (0.06Mo)