

Indoor FTTH cable



Product Code: [LAN-OFC-FIFx-yy-LS](#)

Indoor FTTH cable

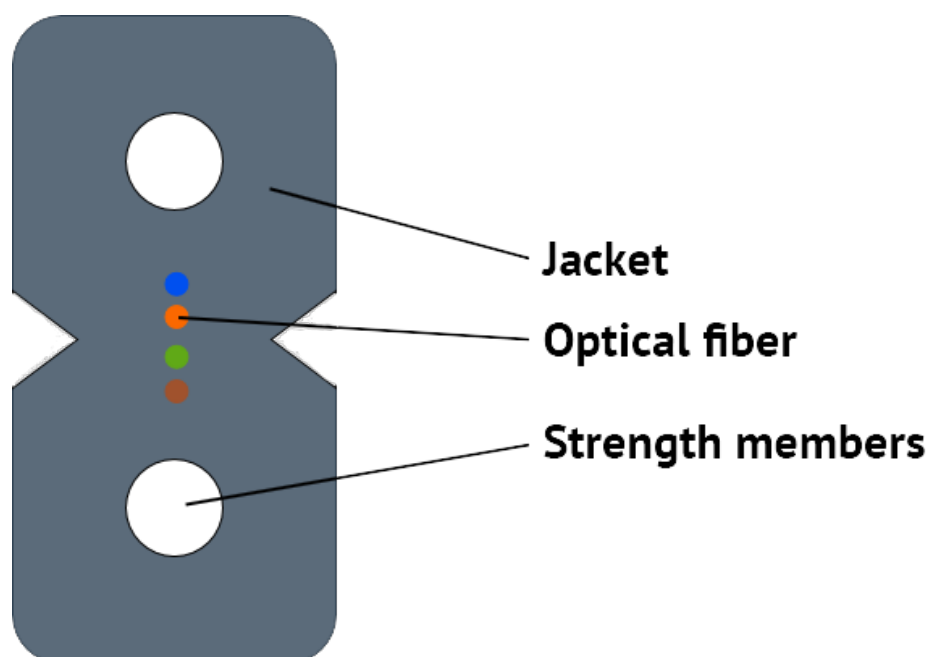
Description

Application:

Subscriber cable for FTTH networks, has small size and high flexibility.

Used as a distribution cable for cabling inside buildings, in cable trays, in cable ducts, pipes, and tunnels.

Design:



The cable contains multiple optical fibers. Fibers and strength members are covered with jacket. Two strength members provide protection against mechanical stress. The cable jacket is made of a flame retardant halogen-free polymer material with reduced smoke and gas emission.

Color identification of optical fibers:

Nº	1-4 Fibers
1	Blue
2	Orange
3	Green
4	Brown

Weight and dimensions:

Fiber count in the cable	Cable outer dimensions, mm	Cable weight, kg/km
1	2 x 3	13,5
2	2 x 4	13,5
4	2 x 4	13,5

Operating conditions:

Temperature range °C	Installation	-10°C...+60°C
	Storage	-20°C...+60°C
	Operating	-20°C...+60°C
Operating	25 years	

Physical specifications:

Nº	Specification	Value
1	Maximum pulling tension	80 N
2	Maximum crush resistance	1000 (N/100mm)

Product code

LAN-OFC-FIFx-yy-LS

Description

Indoor FTTH Drop cable, flat, FRP, LSZH, x fibers, SM G657/ OM1/OM2/OM3/OM4, white

F- FRP strength members (Fiberglass-Reinforced Plastic rods)

x- fiber count

yy - fiber type (SU, S2, S5, S7, M1, M2, M3, M4)

Applicable optical fibers:

SU	Single-mode fiber with extended operating wavelength and reduced attenuation and low bending loss (ITU G.652D+G.657.A1 recommendation)
S2	Single-mode fiber with an extended bandwidth of operating wavelengths (ITU-T G.652D recommendation)
S5	Single-mode positive non-zero dispersion shifted fiber (ITU-T G.655 recommendation)
S7	Single-mode with low bending loss (ITU-T G.657 recommendation)
M1	Multi-mode with core to cladding ratio 62,5/125 µm (IEC 60793-2-10 A1b type recommendation)
M2	Multi-mode with core to cladding ratio 50/125 µm (ITU-T G.651 recommendation and IEC 60793-2-10 type A1a.1 requirements)
M3	Multi-mode with low bending loss and core to cladding ratio 50/125 µm (ITU-T G.651 recommendation and IEC 60793-2-10 A1a.2 type requirements)
M4	Multi-mode with low bending loss and core to cladding

ratio 50/125 μm (ITU-T G.651 recommendation and IEC 60793-2-10 A1a.3 type requirements)

Model range

LAN-OFC-FIF1-S7-LS	Indoor FTTH FO Drop cable, Flat, FRP, LSZH, 1 fiber, SM G657, white
LAN-OFC-FIF2-S7-LS	Indoor FTTH FO Drop cable, Flat, FRP, LSZH, 1 fiber, SM G657, white
LAN-OFC-FIF4-S7-LS	Indoor FTTH FO Drop cable, Flat, FRP, LSZH, 4 fibers, SM G657, white

Product descriptions are listed according to the available information at the time of publication. Product specifications can be changed without advanced notification. More detailed and exact information can be obtained from the official partners and distributors of LANMASTER.