

LL-CLOSURE-BOX/FET-FO96-PLCS/1X8SC8/AD-sm657A2

— Re-usable fiber optic distribution box, outdoor, 1 PLC splitter 1 x 8 SC/APC8° & adapters pre-connected —

Montage environments: Aerial-, wall-, pole-, ceiling-structure mounting

Degree of protection: IP65

APPLICATION

Fumo's universal re-usable fiber optic distribution boxes in closure-style are especially designed to protect cable connections in outdoor applications. They can be used with any cable construction, and due to its robust structure and design it withstands even harshest environments. The drop-cable versions are coming with an additional cable storage tray. The cable entries of FET-FO96 can be used for cable diameters from 8mm to 18mm, 16mm for branch cables. The advanced robust design of the body and cover is protected by an elastic, waterproof thermoplastic sealing. Accordingly, the box can be easily re-opened and securely re-closed. In addition, FET/FO96 does not require special tools and trainings for handling and montage. The current version of FET-FO96 features a 1 x 8 PLC splitter pre-connected to SC/APC8° connectors and adapters. - The materials used in the production process of FET/FO96 are in compliance with the recommendations of RoHS .

DISTRIBUTION BOX, CLOSURE-STYLE



SPLICE TRAY



PLC SPLITTER



ADAPTERS



TECHNICAL SPECIFICATION

CLOSURE-BOX	: LL-CLOSURE-BOX/FET-FO96-E <i>(see also sep. data sheet)</i>
DIMENSIONS	: L.319.3 x W.214 x H.133mm
CABLE DIAMETERS	: variable 8 - 18mm, 16mm for branch cables
FUSION SPLICE CAPACITY	: 48, 64 or 96
MICRO PLC SPLITTER CAPACITY	: 1 x 2, 1 x 4, 1 x 8 or 1 x 16
MATERIAL OF CLOSURE	: PP (polypropylene)
COLOR	: black or soft grey
TEMPERATURE RANGE	: -40°C to 65°C (storage & operation) -5°C to 40°C (installation) ≤93% @ 40°C relative humidity 70 - 106Kpa atmospheric pressure
PROOF TEST	: IP65
NEUTRAL SALT SPRAY TEST (NSS)	: 48 hours
WEIGHT	: 1.3kg
SPLICE TRAY	: LL-ACC-TRAY-FET/FO96-E <i>(see also sep. data sheet)</i>
MATERIAL	: PC (polycarbonate) + ABS (acrylonitrile butadiene styrene)
DIMENSIONS	: 135x125x8mm
COLOR	: white (RAL7035)
WEIGHT	: 0,033kg
SPLITTER CAPACITY	: 1 PLC splitter 1x8, dimensions 60x7x4mm, 900µm FO
SPLICE CAPACITY	: 24 FO (2 layers of heat-shrink protection sleeves)
SPLITTER	: LL-PLCS-FET/FO96-1X8SC8/900-sm657A2 Planar lightwave circuit splitter <i>(see also sep. data sheet)</i>
PORT CONFIGURATION	: 1x8 SC/APC8°, 900µm fiber
DIMENSIONS	: 60x7x4mm
COLORS	: fiber natural - SC/APC connectors & adapters green
INSERTION LOSS - SPLITTER	: ≤10.5dB (IEC61300-3-4 Method B) *
RETURN LOSS - SPLITTER	: ≥55dB (IEC61300-3-6 Method 1) *
INSERTION LOSS IN BOX	: ≤10.7dB (IEC61300-3-4 Method B) *
* The parameters shown are default values. They can be customized to specific requirements.	
ADAPTERS	: LL-AD-SX-SC8SC8-sm <i>(see also sep. data sheet)</i>
VERSION & APPLICATION	: simplex singlemode
SLEEVE	: zirconia-ceramic (ZrO ₂)
MATERIAL	: plastic compound, green color
CONNECTION	: push-pull
TYPICAL ATTENUATION	: ≤0.20dB <i>(depending on accuracy of inserting connectors)</i>

PACKAGING

1 piece in robust, ship-worthy carton box - 330x230x150mm, 1.5kg

10 pieces in corrugated carton box - 480x350x805, 16kg

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