OPTICAL DISTRIBUTION FRAME (ODF)

DESCRIPTION

PhotonicsHome™ Optical Distribution Frame (ODF) is a high-capacity, high-density fiber distribution frame, suitable for the composition and distribution of fibers in optical access network to achieve fiber optic lines connection, distribution and scheduling.

FEATURES

- The frame, mounting bracket and metallic parts are made of top quality corrosive resistive mild steel and powder coated with grey color RAL 7035.
- It can lasts more than 30 years for indoor applications.
- Standard compliance mechanical design including basic dimension, mounting bracket, front panels, sub-racks and chassis for standard 19" installation.
- Full front operation which can be installed against wall, side by side or back to back.
- Complete cable routing design of fiber management guides with fiber bend radius over 30mm.
- Cable inlets and outlets available on top and at the bottom.
- Suitable for ribbon and non-ribbon optical fibers, and inserting installation of SC, FC, LC, ST (additional flange) adapters.
- Come with lockable-common-key front door and detachable back panel.
- Capacity up to maximum of 1440 fibers with 3U FDUs; can be flexibly customized as required.

APPLICATIONS *3

- Communications
- Networks
- Industrial control
- Building automation

STANDARD CONFIGURATIONS

- Fiber Distribution Unit comes with :
  - Fiber Sleeves
  - Splice Trays
  - Adaptor & Pigtails
- Fiber spooling Pillar
- Strength-core fixing panel

SPECIFICATIONS

Dimension, mm*2	900W x 2200H x 300D
Capacity (no. of fibers)	Multiplication of 96C or 120C up to 1440C

Drawer Type DA-Series FDU *4

Drawer type, simplex SC, 96 or 120 fiber termination , 3U, with extended table for fiber guides

Note :
**1: The design is in standard 19" open rack system in accordance with BS EN 60297-3.*
**2: The dimension of the ODF is designed in accordance with ETS 300 119-2.*
**3: The ODF and associated accessories are meant for indoor application*
**4: The FDU is complete with splice trays, molded splice holders, splice protection sleeves and connector pigtails, and adapters mounted on patch panels*

GENERAL SPECIFICATIONS

Adapters (Angled @ 30^0)	SC, FC, LC Duplex, E2000
Capacity	96 or 120 fibers (SC) with numbering label for easy identification of port
Material	Corrosive resistive cold rolled steel (1.5mm; other thickness upon request)
Color	Powder coated (grey)
Dimension	482.6x265x131mm, 3U
Installation Method	19" rack mount
Splice Tray Capacity	24 fibers / tray (with ABS material), up to 5pcs of splice tray for 120C
Quantity	1 pc/carton

ORDERING INFORMATION

ODF-A-902230	Optical Distribution Frame, grey, 2.2m height, 0.9m width, 0.3m depth

EXAMPLE : ODF-A-902230-1152-SCP1

ODF-A-902230 — **1152** — **SCP** — **1**

Capacity			
96	96 termination	960	960 termination
192	192 termination	864	864 termination
288	288 termination	1056	1056 termination
384	384 termination	1152	1152 termination
480	480 termination	1200	1200 termination *(with 120C 3U FDU)*
576	576 termination	1320	1320 termination *(with 120C 3U FDU)*
672	672 termination	1440	1440 termination *(with 120C 3U FDU)*
768	768 termination	xxx	Specify

Adapter Type	
SCP	SC/UPC
SCA	SC/APC
FCP	FC/UPC
FCA	FC/APC
LCP	LC/UPC duplex
LCA	LC/APC duplex
E2P	E2000/UPC
E2A	E2000/APC
N	No Adapter

Pigtails	
1	1.5m G657A1 LSZH
2	1.5m G657A1 PVC
3	1.5m G.657A2 LSZH
4	1.5m G.657A2 PVC
N	No Pigtail

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Specifications are subject to change without notice