Datasheet

Publish Date: 15.10.2023 | Rev no: 1

DUCPHAT® Fixed Fiber Enclosure Tray

DUC PHAT rack mount fiber optic splice and termination enclosures provide an economical and quality solution for installations of any size, where direct termination or pigtail splicing is required.

The typical use of these enclosures includes situations where outside plant cables are terminated onto the back of the adapter plate or where pigtails are spliced onto the incoming cable. These enclosures are also used as point-to-point patch connections or as end termination for backbone spurs in the Telecom environment.

DUCPHAT® 1U, 2U, and 4U fiber optic enclosure range comes in two designs, sliding and fixed type. The units can be purchased as a base unit without adapter plates or with adapter plates included depending upon the customer's preference.

Features
* Designed for fiber optical backbone cabling applications
* Snap-in adapter plates and removable cover provides for easy access and installation
* Fixed type & sliding-type enclosure options available
* Easily added to existing multimedia installations that will require fiber terminations
* Splice tray, sleeves, and LC, SC, ST, FC adapters are available separately to load into the enclosure (optional)
* 1U size gives up to 24 or 48 depending on adapter type
* 2U size gives up to 48 or 96 depending on adapter type
* 3U size gives up to 96 or 144 depending on adapter type
* 4U size gives up to 144 or 192 depending on adapter type

Applications
* High speed LAN, MAN, WAN networks and Data Centers
* CATV / VIDEO / WDM / DWDM / FTTx / ATM, SONET & WDM
* FTTH, FTTx and Passive Optical Networks PON
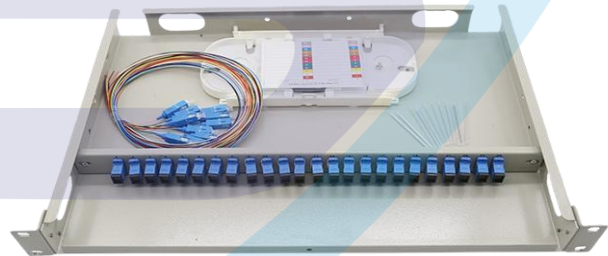* High speed multi channel video, data and voice services in metropolitan and access networks

Technical Properties
* Connector type: SC - LC - ST - FC
* Insertion Loss: Singlemode: ≤ 0.30dB maximum
* Return Loss Singlemode: UPC ≥ 30dB | APC ≥ 35dB
* Insertion Loss: Multimode: ≤ 0.30dB maximum
* Return Loss Multimode: PC ≥ 50dB
* Material: Iron - Powder Coated Light Grey or Black

Standards Compliance
* Compliant to TIA 604-5 and IEC 61754-7
* Standards ISO/IEC 11801 / Cenelec EN 50173-1 / TIA-568 C.0
* Data Center Cenelec EN 50173-5 / ISO/IEC 24764/ TIA-942
* Ethernet IEEE 802.3; 10/40/100GbE
* ROHS-6 Compliant

Ordering Information

Item	Part Number Scheme
1U - Fixed Fiber Enclosure Tray	**DP-FDF-ABD-C-YYY-E-F1U**
2U - Fixed Fiber Enclosure Tray	**DP-FDF-ABD-C-YYY-E-F2U**
3U - Fixed Fiber Enclosure Tray	**DP-FDF-ABD-C-YYY-E-F3U**
4U - Fixed Fiber Enclosure Tray	**DP-FDF-ABD-C-YYY-E-F4U**

A	Connector type
SC	SC Connector
FC	FC Connector
ST	ST Connector
LC	LC Connector
MTRJ	MTRJ Connector

B	Polishing
Blank	PC type
AC	APC type

D	Connector type
S	Simplex Adapter
D	Duplex Adapter

C	Fiber type
SM	Single mode (SM), G.652
S5	Single mode (SM), G.655
S7	Single mode (SM), G.657
M1	Multi mode (OM1)
M2	Multi mode (OM2)
M3	Multi mode (OM3)
M4	Multi mode (OM4)

E	Cable Jacket
V	PVC
Z	LSZH

YYY	Fiber Core
002	2FO
004	4FO
006	6FO
008	8FO
012	12FO
016	16FO
024	24FO
048	48FO
064	64FO
096	96FO
144	144FO

* Other lengths available on request *