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Drop Network, Multi-Port Terminal (MPT)

Multi-Port Terminals MPT's (MST)

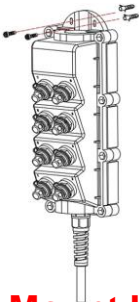


Key Points:

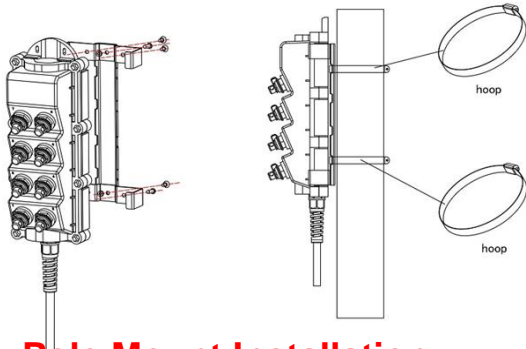
- Slim design so can drop in Pedestal, Handhole or wall applications. 4,6,8,12 ports available
- Mount anywhere due to IP-68 environment rating... Wall, Aerial, Pole, Vault will not leak
- Fiber Inputs:
 - Ribbon or bundle fiber to provide homerun or direct connect for each port (CY-DCT)
 - Single Drop Fiber to connect to an internal 1:4, 1:6, 1:8, 1:12 PLC Splitter (CY-SPT)
- Drops:
 - Mini-IP Hardened Connector, OptiTap compatible or SureAlign
 - Mini-IP to: Bullet push/pull w/ SC-APC armored round or Flatdrop with SA-FC or fusion splice

Specifications

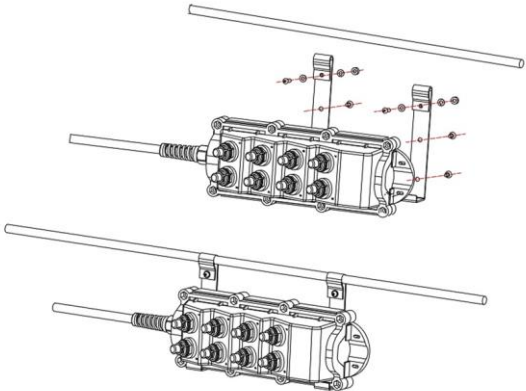
| Dimensions(LxWxH) | 225x120x85mm | 305x120x85mm | 416x120x85mm |
|----------------------------------|-------------------------|--------------------|--------------------|
| Materials | PC | | |
| Waterproof Grade | IP68 (3M,72hour). | | |
| Temperature Range | -40 ~ +80°C | | |
| Cable Strength Member | Armored or Non-armoured | | |
| Cable Yype | Hybrid or non-hybrid | | |
| Round Cable OD | 6.0mm to 12.0mm | | |
| Flat Cable Dimension | 4.0x7.0mm,4.0x8.0mm | | |
| Cable Jacket Material | LSZH,PE or TPU | | |
| Bending Radius | 20D | | |
| Cable Crus h Resistance | 500N/cm long term | | |
| Tensile Strength | 1200N long term | | |
| UV Resistance | ISO 4892-3 | | |
| Fire Protection Rating | UL94-V0 | | |
| Number of PLC | 1pc (SC 1*4 PLC) | 1pc (SC 1*8 PLC) | 1pc (SC 1*12 PLC) |
| | 1pc (LC 1*8 PLC) | 1pc (LC 1*16 PLC) | 1pc (LC 1*24 PLC) |
| Number of Fusion Protection Tube | ≤ 24 pcs | | |



Wall-Mount Installation



Pole Mount Installation



Aerial Installation



Special Aerial Installation Kits for Resistance to wind, snow and freezing

Multi-Port Terminal Ordering Information

FTTx Terminal Box with PLC splitter:

Input and output are all Hardened connectors; (Mini-IP, OptiTap compatible)

| No. | P/N | Product Description |
|-----|--------------------|--|
| 1 | CY-SPT-104-TAPCSCA | 1x4 Splitter terminal with external MINI IP <u>Optitap</u> compatible ports, input port with <u>Optitap</u> compatible ports too, load with 5 PCS MINI IP SC <u>Adapter</u> , inside is PLC Splitter with SC/APC connector |
| 2 | CY-SPT-106-TAPCSCA | 1x6 Splitter terminal with external MINI IP <u>Optitap</u> compatible ports, input port with <u>Optitap</u> compatible ports too, load with 7 PCS MINI IP SC <u>Adapter</u> , inside is PLC Splitter with SC/APC connector |
| 3 | CY-SPT-108-TAPCSCA | 1x8 Splitter terminal with external MINI IP <u>Optitap</u> compatible ports, input port with <u>Optitap</u> compatible ports too, load with 9 PCS MINI IP SC <u>Adapter</u> , inside is PLC Splitter with SC/APC connector |
| 4 | CY-SPT-112-TAPCSCA | 1x12 Splitter terminal with external MINI IP <u>Optitap</u> compatible ports, input port with <u>Optitap</u> compatible ports too, load with 12 PCS MINI IP SC <u>Adapter</u> , inside is PLC Splitter with SC/APC connector |

Multi-Port Terminal Ordering Information

~~FTTx~~ Terminal Box with 4~12 Ct drop cable input and 4~12 connector as output:\

| No. | P/N | Product Description |
|-----|-------------------------|---|
| 1 | CY-DCT-104-TAPP100DF4C | Fiber Direct Connection Terminal with 1000 feet dielectric flat drop tail 250um fiber gel tube input drop cable and output are 4 Ports with MINI IP SC/APC Adapter |
| 2 | CY-DCT-106-TAPP100DF6C | Fiber Direct Connection Terminal with 1000 feet dielectric flat drop tail 250um fiber gel tube input drop cable and output are 6 Ports with MINI IP SC/APC Adapter |
| 3 | CY-DCT-108-TAPP100DF8C | Fiber Direct Connection Terminal with 1000 feet dielectric flat drop tail 250um fiber gel tube input drop cable and output are 8 Ports with MINI IP SC/APC Adapter |
| 4 | CY-DCT-112-TAPP100DF12C | Fiber Direct Connection Terminal with 1000 feet dielectric flat drop tail 250um fiber gel tube input drop cable and output are 12 Ports with MINI IP SC/APC Adapter |
| 5 | CY-DCT-104-TAPP100TF4C | Fiber Direct Connection Terminal with 1000 feet 4ct tunable flat drop cable stub and output are 4 Ports with MINI IP SC/APC Adapter |
| 6 | CY-DCT-106-TAPP100TF6C | Fiber Direct Connection Terminal with 1000 feet 4ct tunable flat drop cable stub and output are 6 Ports with MINI IP SC/APC Adapter |
| 7 | CY-DCT-108-TAPP100TF8C | Fiber Direct Connection Terminal with 1000 feet 4ct tunable flat drop cable stub and output are 8 Ports with MINI IP SC/APC Adapter |
| 8 | CY-DCT-112-TAPP100TF12C | Fiber Direct Connection Terminal with 1000 feet 4ct tunable flat drop cable stub and output are 12 Ports with MINI IP SC/APC Adapter |

Multi-Port Terminal Ordering Information

Installation Kits:

| No. | P/N | Product Description |
|-----|----------------------------|--|
| 1 | CY-MST- X IK-24 | 2/4 Ports Terminal Box Generic Installation Kits used for Aerial installation, Holding Pole or Wall-Mounting <u>Installation</u> , <u>X</u> can be A , P or W for A erial installation, Holding P ole or W all-Mounting Installation |
| 2 | CY-MST- X IK-68 | 6/8 Ports Terminal Box Generic Installation Kits used for Aerial installation, Holding Pole or Wall-Mounting <u>Installation</u> , <u>X</u> can be A , P or W for A erial installation, Holding P ole or W all-Mounting Installation |
| 3 | CY-MST- X IK-12 | 12 Ports Terminal Box Generic Installation Kits used for Aerial installation, Holding Pole or Wall-Mounting <u>Installation</u> , <u>X</u> can be A , P or W for A erial installation, Holding P ole or W all-Mounting Installation |

.) Special Aerial Installation Kits for Resistance to wind, snow and freezing:

| No. | P/N | Product Description |
|-----|----------------|--|
| 1 | CY-MST-SAIK-24 | 2/4 Ports Terminal Box Special Heavy Duty Aerial Installation Kits for Resistance to wind, snow and freezing |
| 2 | CY-MST-SAIK-68 | 6/8 Ports Terminal Box Special Heavy Duty Aerial Installation Kits for Resistance to wind, snow and freezing |
| 3 | CY-MST-SAIK-12 | 12 Ports Terminal Box Special Heavy Duty Aerial Installation Kits for Resistance to wind, snow and freezing |