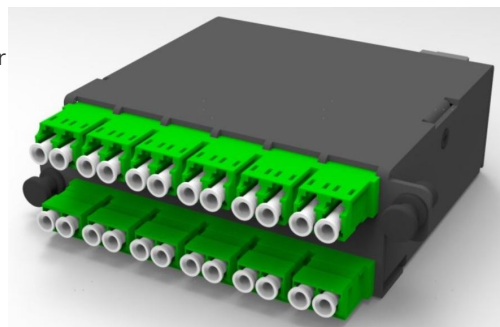




The HYBRIFLEX™ Interface module to enable backbone cables terminated with MTP12 (female) connectors to be connected to 24 single fiber LC/APC connections. Optimised for RoF (Radio over Fibre) applications, for use within the RFS "Plug and Play" RoF solution. These modules fit inside the 19" rack mounted patch panel chassis (PPIF-0Z48Z-1U-YC).

**FEATURES / BENEFITS**

- High precision MTP and LC/APC fiber connectors provide low insertion loss, high return loss and excellent stability and durability
- All connectors are terminated and fully tested in controlled conditions to ensure optimum performance and reliability
- "Plug and Play" solution simplifies network design, minimizes installation/testing time and the necessary on site skills

[External Document Links](#)[Notes](#)**Technical features****GENERAL SPECIFICATIONS**

|              |  |  |
|--------------|--|--|
| Product Line |  | Fiber and Power Solutions                  |
| Product Type |  | Hybriflex Interface Module for Patch Panel |

**MECHANICAL SPECIFICATIONS**

|                       |         |   |
|-----------------------|---------|---|
| Material              |         | Electrostatic epoxy powder coated steel |
| Dimensions (LxWxD)    | mm (in) | 80 x 93 x 34.8 (3.15 x 3.66 x 13.7)     |
| Mounting              |         | Patch Panel Chassis Mount               |
| Connector Interface 1 |         | 2 x MTP12                               |
| Connector Interface 2 |         | 12 x LC/APC duplex                      |

**TESTING AND ENVIRONMENTAL**

|                       |         |                         |
|-----------------------|---------|-------------------------|
| Storage Temperature   | °C (°F) | -30 to 55 (-22 to 131 ) |
| Operation Temperature | °C (°F) | -25 to 55 (-13 to 131 ) |
| Storage Humidity      |         | ≤ 90% (+30 °C)          |
| Operating Humidity    |         | ≤ 93%(+40°C)            |

**CABLES SUPPORTED**

|                           |  |          |
|---------------------------|--|----------|
| Supported F/O Connections |  | 24 Fiber |
|---------------------------|--|----------|

**OPTICAL PERFORMANCE SPECIFICATION**

| Connector | Insertion/Return Loss(dB) | 500 times Durability ΔIL(dB) | Temperature Cycling ΔIL(dB) |
|-----------|---------------------------|------------------------------|-----------------------------|
| MTP       | ≤ 0.35/60                 | ≤0.20                        | ≤0.20                       |
| LC/APC    | ≤ 0.30/60                 | ≤0.20                        | ≤0.20                       |



**PPIF-0Z12SL-MLAP-YC**

Interface module, 2 x MTP12(m) to 24 x LC/APC, SMF

