

**Installation Instruction for Mixed Media products
when used with the Universal Connectivity
Platform (UCP).**



1. KIT CONTENT

| | |
|-------------------------|-------|
| Patch Panel | 1 pc |
| Grounding Screw | 1 pc |
| Cable Clips | 8 pcs |
| Hook-and-Loop Fasteners | 8 pcs |
| Instruction Sheet | 1 pc |

2. INSTALLATION OF COPPER MODULES

2.1 Installation of MRJ21 Cassettes



Insert the MRJ21 & MRJ21 XG cassette.



Connect the MRJ21 connector.



Secure the cable with hook-and-loop fasteners.

2.2. Installation of Pre-Terminated Cable Bundle



Feed the pre-terminated bundle through the cut out in the panel.



Insert all of the connectors into the Quick-Fit module.



Insert the Quick-Fit module into the panel, and secure the cable bundle with hook-and-loop fasteners.

2.3 Installation of Sigma-Link Modules



Insert the Sigma-Link front cover.



Insert the Sigma-Link assembly into the opening of the patch panel. Check TOP marking on the module and front cover. An audible click indicates the cassette is in position.



Secure the cable with hook-and-loop fasteners.



To remove the assembly: push the side-taps outward whilst at the same time pulling the cable bundle towards the rear of the panel.

2.4 Termination Guidelines for Sigma-Link Cassette-to-Open-End (Y-1671218-X, Y-1671221-X, Y-1671224-X)

- Class E UTP (Y-1671218-X):**
 Install jacks with tool 1725150-1 according to instruction sheet 408-8858.
 Use following jacks: Cat 6 RJ45 SL 1375055-X or 1375187-X.
- Class EA STP (Y-1671221-X):**
 Install jacks with tool 1725150-1 according to instruction sheet 411-93016.
 Use following jacks: AMP-TWIST 6AS 1711716-1 or 1711592-1.
- Class FA STP (Y-1671224-X):**
 Install jacks with tool 1725150-1 according to instruction sheet 411-93013.
 Use following jacks: AMP-TWIST 7AS 1711437-1 or 1711441-1.

Note: To achieve PL performance cable length should be > 2m (2 connector model) in accordance with the latest ISO 11801 specification.

2.5 Grounding



Install the grounding bolt at the back of the panel.

3. INSTALLATION OF FIBER OPTICE MODULES

3.1 Installation of Sigma-Link Modules

3.1.1 12 Fiber MPO Cable



Attach the white cable clips and position the re-usable cable tie.



Install midi fan-out.



First clean MPO connector end face in the rear of the cassette, then insert the Quick-Fit MPO cassette into the UCP panel. Next clean the MPO connector end face from the incoming cable, dressing it into the cable clips at the rear of the panel (maintaining a minimum bend radius of 50mm at all times). Finally, connect the incoming MPO cable to the MPO cassette.

3.1.2 24 Fiber MPO Cable



Attach the white cable clips, position the re-usable cable tie and install the midi fan-out.



First clean MPO connector end face in the rear of the cassette, then insert the Quick-Fit MPO cassette into the UCP panel. Next clean the MPO connector end face from the incoming cable, dressing it into the cable clips at the rear of the panel (maintaining a minimum bend radius of 50mm at all times). Finally, connect the incoming MPO cable to the MPO cassette.

Note: Unused ports can be covered by blank Quick-Fit modules.