

## UC9500 High Density MTP®/MPO Module



(Only for reference)

- Recommended for method/polarity “B” 10G MPO channel using Type “B” MPO Trunk Cable to achieve simple migration to method/polarity “B” 40/100G MPO channel
- Available in Duplex LC
- Available in G657A, OM3 and OM4
- Utilises bend-insensitive fibre
- Plug & Play Installation
- Maximum Packing Density
- Type “P” is Draka UC defacto, Type A and B are available.
- 100% Tested
- Utilised with UC9500 1U Distribution Panel, 4-Slot, Empty

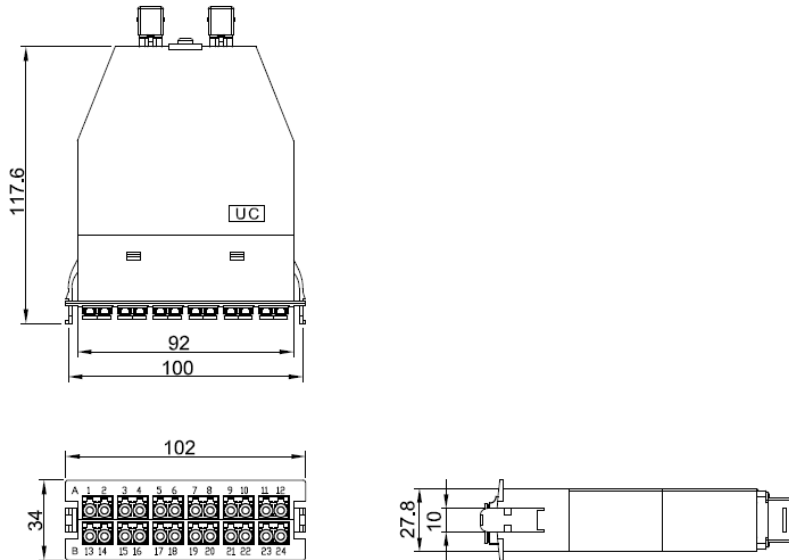
### Standards

ISO/IEC 11801, ANSI/TIA-568-C.3, IEC 61754-20, IEC 61754-7, RoHS Compliant

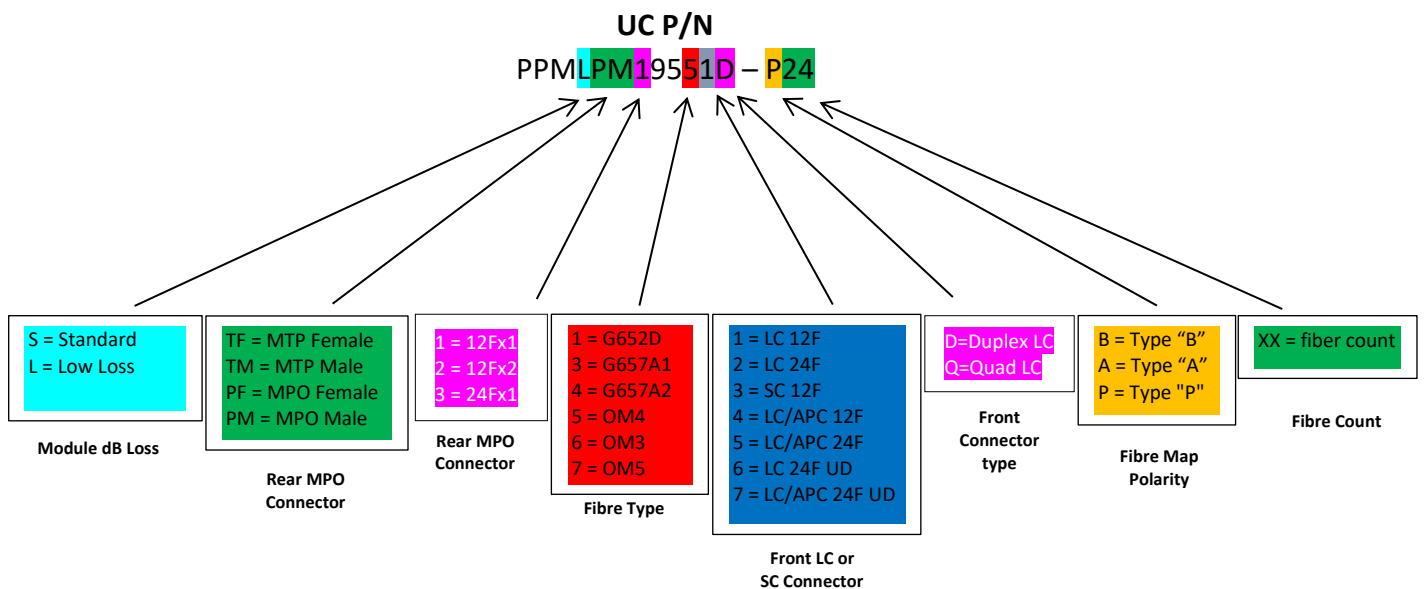
### General Specifications

| Item                           | Description   |      |
|--------------------------------|---|------|
| Module Housing Material        | Aluminum alloy, Thickness 0.8mm                                   |      |
| Module House Surface Finish    | Watermark painted   |      |
| Module Housing Colour          | BLACK   |      |
| Front Adaptor                  | Duplex LC with dust cap   |      |
| Rear Adaptor                   | MTP®/MPO with dust cap  |      |
| LC Adaptor Colours             | OM3 AQUA ; OM4 VIOLET ; SM BLUE                                   |      |
| Assemblies                     | Pre_installed male MTP®/MPO to fanout LC assemblies inside module |      |
| Performance                    | Insert Loss(MTP®/MPO+LC)      Return Loss(per fiber)              |      |
| SM                             | 0.75dB(standard)  | 55dB |
|                                | 0.5dB(Low Loss)   |      |
| MM                             | 0.5dB(standard),  | 26dB |
|                                | 0.35dB(Low Loss)  |      |
| Durability                     | 500 mating  |      |
| Installation temperature       | 0°C to +60°C  |      |
| Operating Temperature          | -20°C to +70°C  |      |
| Storage & Shipping Temperature | -40°C to +75°C  |      |

## Construction



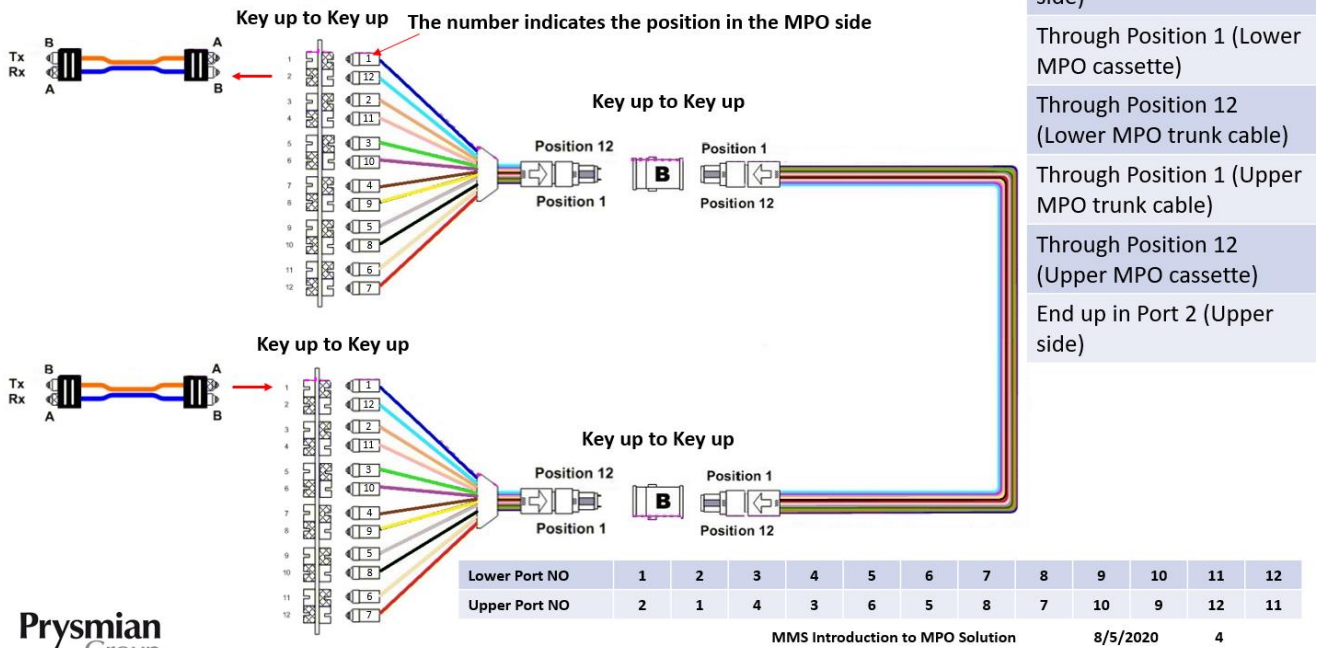
## Ordering Information



Remark: MPO/MTP-APC for SM, MPO/MTP-UPC for MM, LC-UPC as standard.  
UD: LC Key up for first row, Key down for second row.

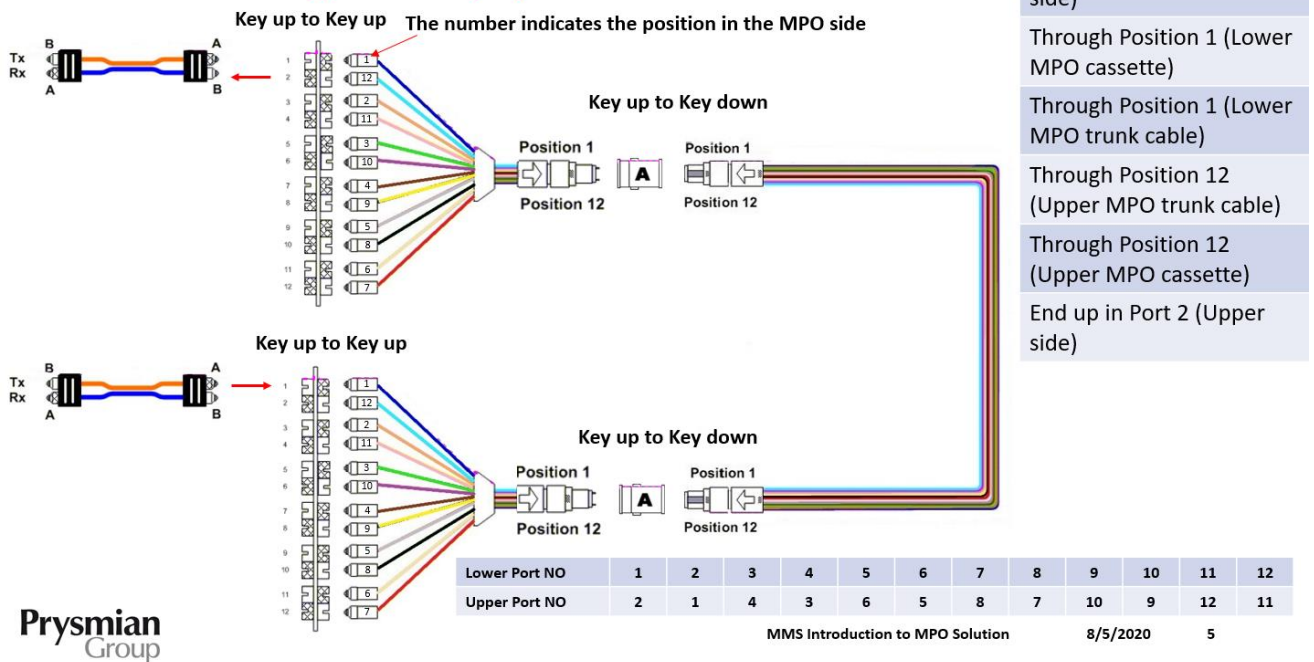
## Mapping for MM:

### 10G MPO Channel **Type P MM**

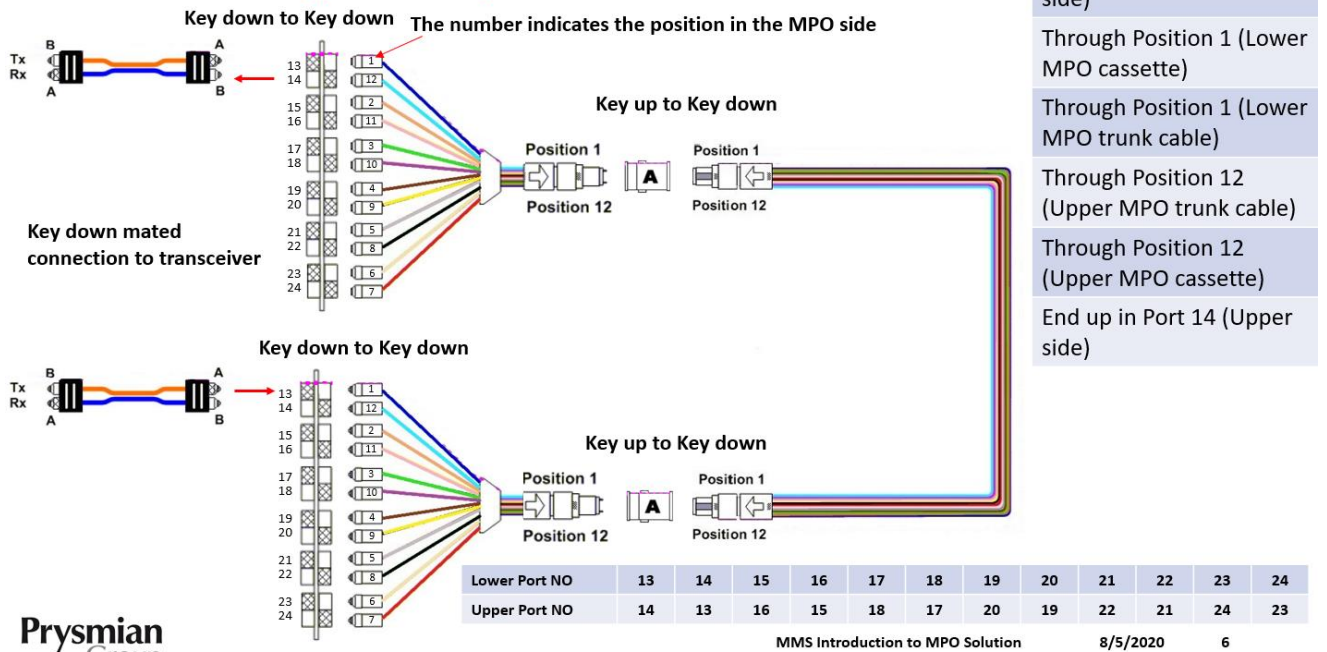


## Mapping for SM:

### 10G MPO Channel **Type P SM Key Up**



## 10G MPO Channel **Type P SM Key Down**













## Ordering Information

| UC Part Number   | SAP1C      | Description   | Weight (g) | Packaging   |
|------------------|------------|---|------------|-------------|
|                  |            | <b>Type "P"</b>   |            |             |
| PPMSPM19541D-P12 | YMMBP02826 | DRAKA UCONNECT UC9500 SERIES 1xMPO/APC-12(M)-LC/UPC(D) MODULE SM G.657A2 TYPE P BLUE                          | 126        | 1 set / box |
| PPMLPM19541D-P12 | YMMBP03134 | DRAKA UCONNECT UC9500 SERIES LOW LOSS 1xMPO/APC-12(M)-LC/UPC(D) MODULE SM G.657A2 TYPE P BLUE                 | 126        | 1 set / box |
| PPMSPM29542D-P24 | YMMBP03342 | DRAKA UCONNECT UC9500 SERIES 2xMPO/APC-12(M)-LC/UPC(D) MODULE SM G.657A2 TYPE P BLUE                          | 140        | 1 set / box |
| PPMLPM29542D-P24 | YMMBP02829 | DRAKA UCONNECT UC9500 SERIES LOW LOSS 2xMPO/APC-12(M)-LC/UPC(D) MODULE SM G.657A2 TYPE P BLUE                 | 140        | 1 set / box |
| PPMSPM29546D-P24 | TBC        | DRAKA UCONNECT UC9500 SERIES 2xMPO/APC-12(M)-LC/UPC(D) MODULE SM G.657A2 KEY UP AND DOWN TYPE P BLUE          | 140        | 1 set / box |
| PPMLPM29546D-P24 | TBC        | DRAKA UCONNECT UC9500 SERIES LOW LOSS 2xMPO/APC-12(M)-LC/UPC(D) MODULE SM G.657A2 KEY UP AND DOWN TYPE P BLUE | 140        | 1 set / box |
| PPMSPM19551D-P12 | TBC        | DRAKA UCONNECT  | 126        | 1 set / box |

|                  |     |   |     |             |
|------------------|-----|---|-----|-------------|
|                  |     | UC9500 SERIES 1xMPO/UPC-12(M)-LC/UPC(D) MODULE MM OM4 TYPE P VIOLET   |     |             |
| PPMLPM19551D-P12 | TBC | DRAKA UCCONNECT<br>UC9500 SERIES LOW LOSS 1xMPO/UPC-12(M)-LC/UPC(D) MODULE MM OM4 TYPE P VIOLET                 | 126 | 1 set / box |
| PPMSPM29552D-P24 | TBC | DRAKA UCCONNECT<br>UC9500 SERIES 2xMPO/UPC-12(M)-LC/UPC(D) MODULE MM OM4 TYPE P VIOLET                          | 140 | 1 set / box |
| PPMLPM29552D-P24 | TBC | DRAKA UCCONNECT<br>UC9500 SERIES LOW LOSS 2xMPO/UPC-12(M)-LC/UPC(D) MODULE MM OM4 TYPE P VIOLET                 | 140 | 1 set / box |
| PPMSPM29556D-P24 | TBC | DRAKA UCCONNECT<br>UC9500 SERIES 2xMPO/UPC-12(M)-LC/UPC(D) MODULE MM OM4 KEY UP AND DOWN TYPE P VIOLET          | 140 | 1 set / box |
| PPMLPM29556D-P24 | TBC | DRAKA UCCONNECT<br>UC9500 SERIES LOW LOSS 2xMPO/UPC-12(M)-LC/UPC(D) MODULE MM OM4 KEY UP AND DOWN TYPE P VIOLET | 140 | 1 set / box |
| PPMSPM19561D-P12 | TBC | DRAKA UCCONNECT<br>UC9500 SERIES 1xMPO/UPC-12(M)-LC/UPC(D) MODULE MM OM3 TYPE P AQUA                            | 126 | 1 set / box |
| PPMLPM19561D-P12 | TBC | DRAKA UCCONNECT<br>UC9500 SERIES LOW LOSS 1xMPO/UPC-12(M)-LC/UPC(D) MODULE MM OM3 TYPE P AQUA                   | 126 | 1 set / box |
| PPMSPM29562D-P24 | TBC | DRAKA UCCONNECT<br>UC9500 SERIES 2xMPO/UPC-12(M)-LC/UPC(D) MODULE MM OM3 TYPE P AQUA                            | 140 | 1 set / box |
| PPMLPM29562D-P24 | TBC | DRAKA UCCONNECT<br>UC9500 SERIES LOW LOSS 2xMPO/UPC-12(M)-LC/UPC(D) MODULE MM OM3 TYPE P AQUA                   | 140 | 1 set / box |
| PPMSPM29566D-P24 | TBC | DRAKA UCCONNECT<br>UC9500 SERIES 2xMPO/UPC-12(M)-LC/UPC(D) MODULE MM OM3 KEY UP AND DOWN TYPE P AQUA            | 140 | 1 set / box |
| PPMLPM29566D-P24 | TBC | DRAKA UCCONNECT<br>UC9500 SERIES LOW LOSS 2x MPO/UPC-12(M)-LC/UPC(D) MODULE MM OM3 KEY UP AND DOWN TYPE P AQUA  | 140 | 1 set / box |

## Color Coding

| Item    |     | Color Coding   |  |   |  |   |
|---------|-----|--|--|---|--|---|
|         |     | SM   | SM/APC   | OM1 & OM2   | OM3  | OM4   |
| Adaptor | LC  | Blue<br>  | Green<br> | Beige<br> | Aqua<br>  | Violet<br> |
|         | MPO | Black<br> | Black<br> | Black<br> | Black<br> | Black<br>  |

## Enquiries

Please contact our local sales office or email to: [mms.asia@prysmiangroup.com](mailto:mms.asia@prysmiangroup.com)

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