Pre terminated Optical fiber Modular cassette

Type – Enhanced B

Product advantage

− Fastlinkcabsys pre terminated fiber module provides OM4 multimode and OS2 zero water peak singlemode, comply with ANSI/TIA 568.3−D and ISO/IEC 11801 2nd amendment standards.
− MPO adopts 0.35db low attenuation optical fiber connector, and the link channel has excellent attenuation margin, so that you have the best design flexibility when designing the cabling system.
− Multi mode MPO connector is physical contact Polish interface; Single mode MPO connector is Angled physical contact Polish green low loss interface.
− Inspect the optical performance and reliability when leaving the factory to ensure the quality of the link. With installation flexibility and stability, it is especially suitable for the rapid deployment of DC.
− Support 10G, 40G and 100Gbps sequence or parallel transmission application architecture.
− Comply with ANSI/TIA 568.3−D optical fiber polarity requirements, and provide type Enhanced B wiring mode.
  (Fastlink pre terminated optical modular cassette adopts type Enhanced B by default).
− MPO connector complies with IEC 61754−7 standard.
− Comply with RoHS 2011/65/EU environmental protection standards.
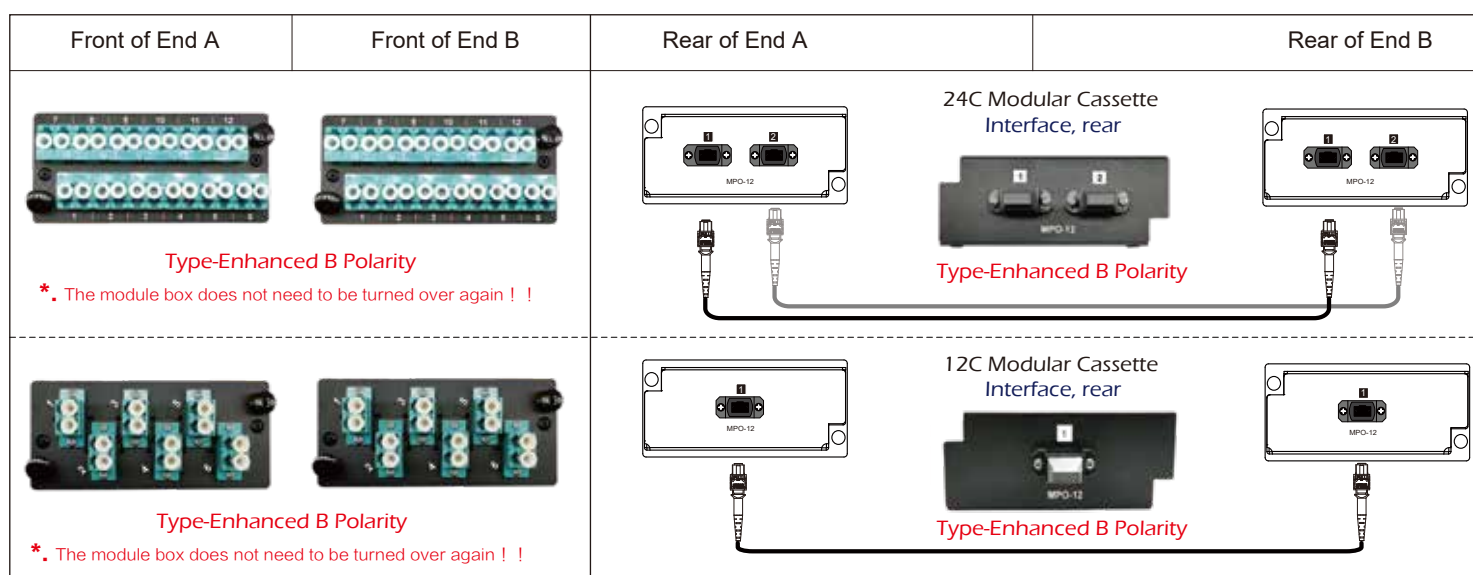
Optical properties of products

Maximum insertion loss value: ≤ 0.50 dB
Change of insertion loss after plugging: ≤ 0.35 dB
Change of temperature to insertion loss: ≤ 0.35 dB
Applicable temperature:
  −40 ~ +70 ℃ (in stock)
  −40 ~ +70 ℃ (during operation)

Order information

Product model	Description	Packing
FL−PMELCN1OM12−OM4	Pre−termiated modular cassette Enhanced B−type OM4 low−loss male MPO LC/PC−12port	1set/box
FL−PMELCN2OM24−OM4	Pre−termiated modular cassette Enhanced B−type OM4 low−loss male MPO LC/PC−24port（12C*2）	1set/box
FL−PMELCB1OM12−OS2	Pre−termiated modular cassette Enhanced B−type OS2/G.657.A2 low−loss male MPO(APC) LC/PC−12port	1set/box
FL−PMELCB2OM24−OS2	Pre−termiated modular cassette Enhanced B−type OS2/G.657.A2 low−loss male MPO(APC) LC/PC−24port（12C*2）	1set/box

Front of End A	Front of End B	Rear of End A	Rear of End B
Type-Enhanced B Polarity *. The module box does not need to be turned over again！！		24C Modular Cassette Interface, rear Type-Enhanced B Polarity	
Type-Enhanced B Polarity *. The module box does not need to be turned over again！！		12C Modular Cassette Interface, rear Type-Enhanced B Polarity	

Item	Reference	MPO−SM(APC) Low Loss	MPO−MM(PC) Low Loss	LC−SM(UPC) Low Loss	LC−MM(UPC) Low Loss
Insertion Loss	IEC61300−3−4	＜0.35dB	＜0.35dB	＜0.15dB	＜0.15dB
Return Loss	IEC61300−3−6	＞60dB	＞20dB	＞55dB	＞35dB