MXC[®] Single Port Blind Mate Connectors

US Conec's MXC® Single Port Blind Mate connector enables high density fiber links in true optical backplane architectures. Utilizing the same external cable plugs for front panel and backplane applications, novel X, Y and Z floating mechanisms allow for generous mismatch between the card mounted and rack mounted connector components.

With the advent of on-board and co-packaged optics, backplane is now targeted for mainstream applications. The MXC[®] Single Port Blind Mate connector solves significant challenges including low spring force, scalable part counts, and easy installation.



- Scalable to support any port count
- Minimized footprint provides more real estate on board
- Shutters in backplane adapter

- Easy installation and removal of internal plug into mounting bracket
- Novel 1.4mm X and Y-float and 2.5mm Z-float
- Optimized for PRIZM[®] MT expanded beam ferrules

Specifications

Operating Temperature	Flammability	Mechanical
-40°C to 75°C	UL 94V-0	GR-2866
		16.23mm
Ganged MXC® Single Port Blind Mate	Assemblies	

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