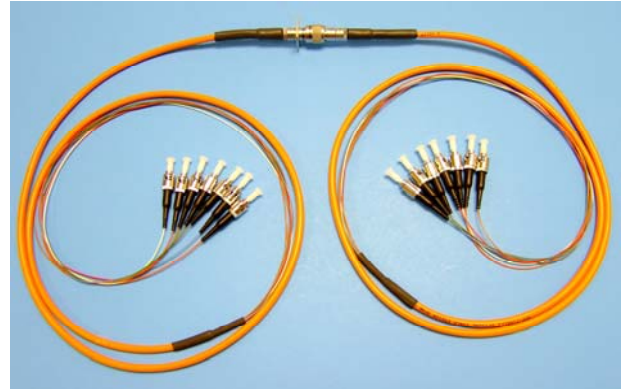


HeptoPor[®] RMC Rugged Multi-Channel Connector

HeptoPort[®] RMC Rugged Multi-Channel Connector

Valdor's HeptoPort[®] RMC is a rugged multi-channel connector based on the Company's patented and proven IMPACT MOUNT[®] (IMT) Technology. This multi-channel connector is part of the HeptoPort[®] product line that utilizes the breakthrough self-aligned two-dimensional (2D) concept; a technology that enables an optical connector to be aligned with a rotational alignment key such that when 2 multi-channel connectors are mated, all 7 fibers will be automatically aligned. The rugged RMC connector has been designed by modifying an existing mil-spec single-channel connector. Other custom-designed rugged connectors are available for aerospace and military applications in harsh environments.

HeptoPort[®] products offer the highest density per surface area to interconnect optical fibers in the field with significant cost savings. Valdor also offers HeptoPort[®] multi-channel connectors in a variety of configurations, such as the HeptoPort[®] 7-Fiber FC connectors.



RMC

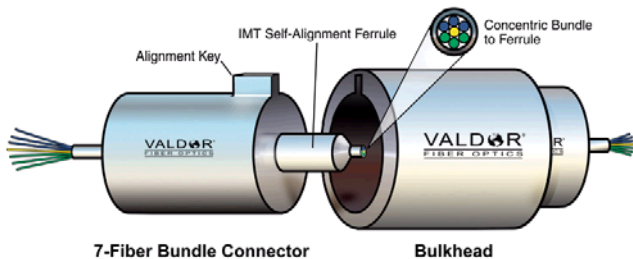
Features

- High density interconnection
- Low insertion loss
- Harsh environment
- Significant cost reduction

Applications

- Aerospace
- Military
- Oil exploration
- Mining
- Medical

*7-Fiber Multimode Bundle Connector
Featuring Heptoport™2D Self Alignment*



IMPACT MOUNT[®] Technology

IMPACT MOUNT[®] Technology is a ferrule-based, mechanical fiber packaging technology. It carries a legacy of success in the medical, military and aerospace industries. HeptoPort[®] applies IMT to multiple fibers scenarios, with breakthrough self-alignment feature, and the lowest cost in the industry.



Performance Specifications

HeptoPort[®] RMC Rugged Multi-Channel Connector

Parameter	Value
Connector Type	RMC
Insertion Loss (dB) per fiber (7)	0.5 dB max
Uniformity (dB)) per fiber (7)	0.3 dB
Return Loss (dB)) per fiber (7)	≥ 45 dB
Fiber Type	Multimode 62.5/125 , 50/125
Operating Temperature Range (°C)	0 to +110
Storage Temperature Range (°C)	-40 to +125

* Insertion loss does not include connector loss.

Technical Information

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