

HMC Mini Series Expanded Beam



The HMC miniature series expanded beam connector provides further size reduction on the harsh environment industry leading standard HMA series.

By incorporating the very latest manufacturing capabilities and design, Stratos Optical Technologies has produced the smallest 4 channel expanded beam connector in the world with a diameter of just over 3/4 inch (21mm).

The HMC is available in several variants for bulkhead mounting with D-Hole, Flange mount with industry standard XLR footprint, and Thread mount.

Applications

- Broadcast
- Military communications
- Industrial, mining and petrochemical

Features & Benefits

- Advanced expanded beam technology
- The precision alignment system integrated into HMC connectors creates immunity from water, mud, dust, oil and other contaminants.
- The series is designed with hermaphroditic coupling, which eliminates the need for adaptors allowing for rapid and simple deployment, time after time.
- 4 fibre channel single mode or multi mode
- Rugged field proven design
- No adaptors required
- Easy clean, no special tools
- Extremely repeatable with self aligning keyed engagement
- The full rubber body provides total durability against everyday wear and tear.
- IP67 rating on intermated connectors ensures perfectly suitability for harsh environments

Active | Passive | Test Equipment | Tooling | Cable | Fibre Management

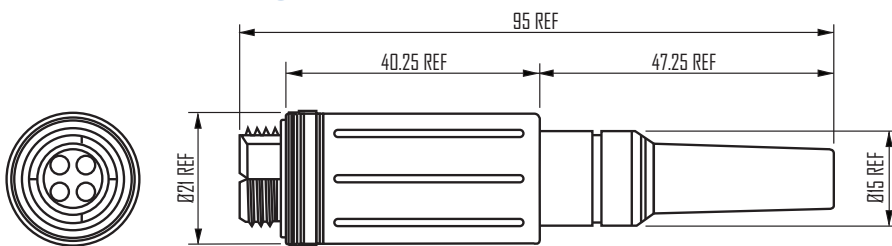
For further information:
www.fibreoptic.com.au
+61 3 9757 3000

Technical Specifications

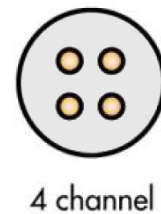
Insertion loss	50/125 @ 850/1300nm 0.5-1.0 dB typ 9/125 @ 1310/1550nm 0.5-1.0 dB typ
Operating temperature	-40 to +85°C
Storage temperature	-55 to +85°C
Water immersion	IP67 up to 2M depth
Shell	Aluminium, hard anodized
Grip boot	Rugged extruded Santoprene/Fire-retardant Neoprene
Standard	RoHS compliant

Connector Geometry & End Face Arrangement

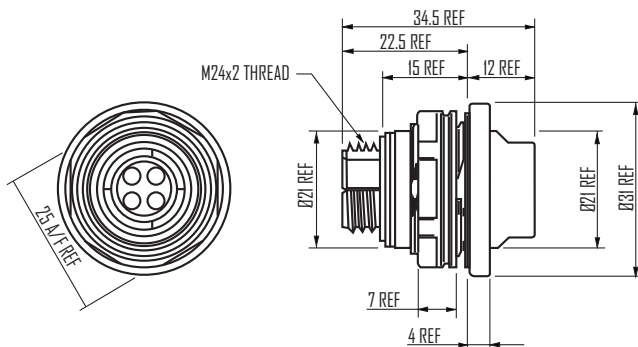
HMC Series Plug



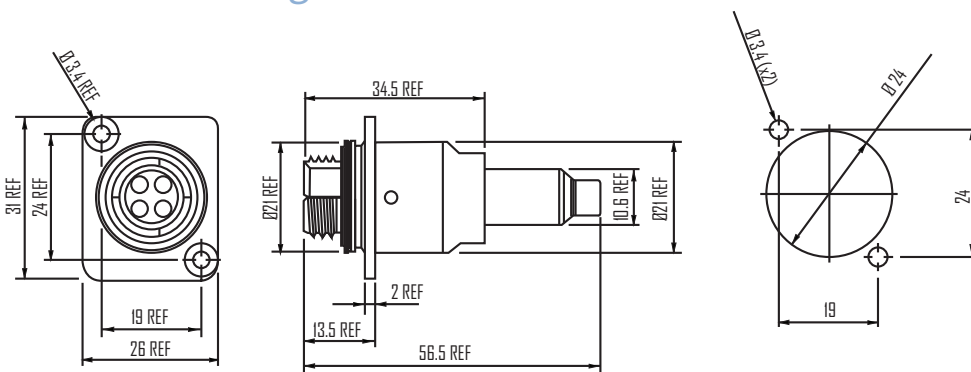
Channel Arrangement



HMC Series Jam Nut Bulkhead



HMC Series Flange Mount Bulkhead



Note: All dimensions are in mm

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