

# HMC Miniature expanded beam connector

# STRATOS

optical technologies

The HMC provides miniaturisation in expanded beam technology.

By incorporating the very latest optical design features Stratos have produced the smallest 4 channel expanded beam connector in the world with a diameter of just over 3/4inch (21mm).

Benefiting from Stratos' long and proven industry track record, the precision optical alignment system creates immunity from water, mud, dust oil and other contaminants.

Hermaphroditic coupling eliminates the need for adaptors allowing for rapid and simple deployment, time after time.

Easy to maintain and repair the HMC is perfect for high density and SFF applications.

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

The full rubber body provides total durability against everyday wear and tear.

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## Performance Specifications

### Optical, Multimode Version

Insertion Loss  
Typical 0.5 – 1.0dB @ 1310nm

### Optical, Singlemode Version

Insertion Loss  
Typical 0.5 – 1.5dB @ 1310nm

### Temperature

Operational Temperature  
-40°C / +85°C

### Storage Temperature

-55°C / +85°C

### Immersion

Water  
Rated - up to 2m immersion

### Material and Finish

Shell  
Aluminium, hard anodized  
Grip/Boot  
Santoprene/Fire retardant Neoprene

**RoHS Compliant**