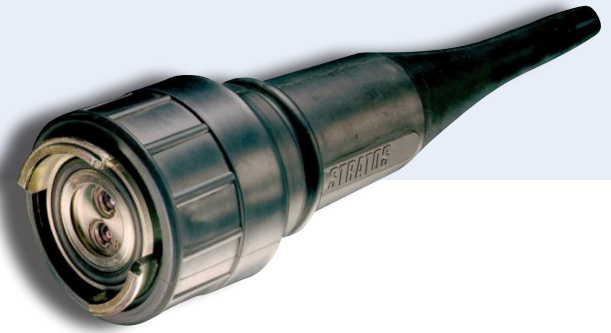


S960 Series Expanded Beam



The S960 Series Eurocom Type II connector, specified within NATO and the German Military, benefits from Stratos expanded beam technology. With a long and proven industry track record, the precision optical alignment system creates immunity from water, mud, dust, oil, and other contaminants which normally ingress the optical path and rapidly deteriorate performance in a field environment.

With over 10 years of service, the S960 Series is the favored military solution, providing excellent stable performance in hostile environments.

Ideally suited in environmental extremities where low maintenance and quick reparability is necessary, the connectors are uniquely field installable.

A broad range of multi-channel configurations including bulk-head feed throughs are available in a variety of shell materials, making the 960 Series suitable for use in extreme sub zero & marine environments through to military platforms used in the most hostile of desert conditions.

The 960 Series Expanded Beam Fibre Optic Connectors deliver a proven pedigree and world beating capability.

Applications

- Broadcast
- Military communications
- Industrial, mining and petrochemical
- Desert, marine, sub-zero & underground environments

Features & Benefits

- Advanced expanded beam technology
- Hermaphroditic housings allow simple deployment, creating low loss multimode daisy chained links
- The coupling design of the 960 eliminates the need for adapters and male or female mating halves
- Multimode channels 2,4,8 & 12
- Dual wavelength capability
- Best optical performance available
- Operational flexibility
- Durable and field proven
- Rugged design suitable for a range of the harshest environments

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

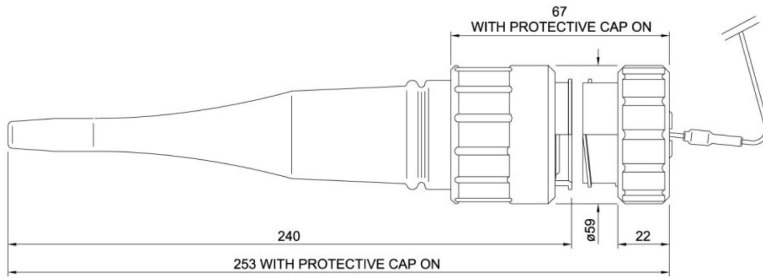
For further information:
www.fibreoptic.com.au
+61 3 9757 3000

Technical Specifications

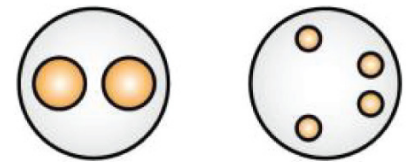
Insertion loss	50/125 @ 850/1300nm 1.5 dB typ
Operating temperature	-40 to +70°C
Storage temperature	-55 to +85°C
Water immersion	up to 2M depth
Vibration sinusoidal	10-500Hz, 0.75 amplitude @ 10g acceleration
Free fall resistance	500 falls onto concrete from 1.2M height
Bump resistance	4000 bumps @ 40g acceleration
Tensile strength	Tensile of 1800N, cable dependent
Cable variations	Compatible with tactical cable: Plug < 6.5mm o/d Other cable sizes available on request
Environmental protection	Rugged extruded rubber shell and included dust cap

Connector Geometry & End Face Arrangement

S960 Series Plug

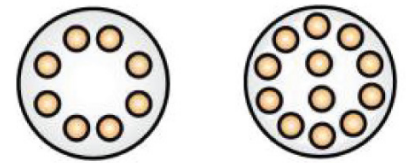


Channel Arrangement



2 channel

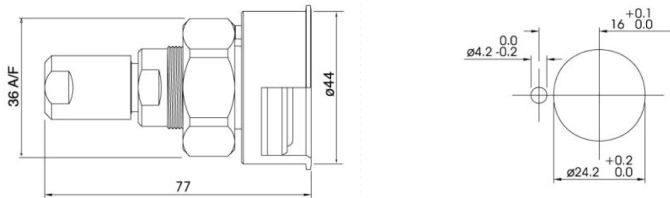
4 channel



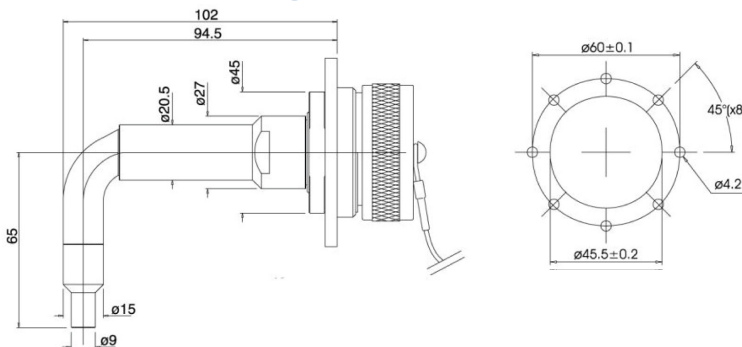
8 channel

12 channel

S960 Series Jam Nut Bulkhead



S960 Series Flange Mount Bulkhead



Note: All dimensions are in mm

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