

Courtesy, Barrington Instruments



PDM

Subsea products and services



Glass Reinforced Epoxy Connectors

Glass Reinforced Epoxy Connectors

These connectors were one of the first products developed by Impulse and they have seen extensive service in the commercial market. The range offers a low cost reliable product without the price premium associated with a more robust metal shell connector. The connectors have seen widespread use in instrumentation and sensor applications where commercial factors require costs are minimised. They have been used by most of the major contractors including Seamap & WesternGeco.

The product is available in most sizes from 2 to 36 contacts and 4 shell sizes. Available in bulkhead and cable end formats with solder pots, the connectors can be supplied unterminated or moulded to a cable. The connectors are pressure rated up to 10,000 psi mated. This ensures the connectors are suitable for the majority of applications, except those in the harshest environments where a more robust product is required.



Glass Reinforced Epoxy Connectors



A selection of Glass Reinforced Epoxy Connectors

PDM offers a rapid termination and moulding service to standard or customer supplied cables. Complex cable assemblies can also be designed by PDM to client specifications. All design, manufacturing and stockist activities are carried out under BS EN ISO 9001:2000 in PDM's facilities at Alton in Hampshire.



PRODUCT DATA

| | |
|---------------------|--|
| Configuration: | Bulkhead and In-line |
| Contacts: | 2 to 36 (4 shell sizes) |
| Contact finish: | Gold |
| Threads: | $\frac{9}{16}$ " - 18 UNF-2A to $1\frac{1}{2}$ " - 12 UNF-2A |
| Body (Bulkhead): | Glass reinforced epoxy |
| In-line connectors: | Neoprene or Polyurethane |
| Voltage max: | 600V DC |
| Current max: | 6#(AWG)-55A, 20#-3A |
| Pressure (mated): | 10,000 PSI max. |
| Pressure (o/face): | 5,000 PSI max. (Bulkhead) |
| Quality Impulse: | MIL Spec options |
| Quality Neptec: | BS EN ISO 9001:2000 |

NB. Ratings above may be influenced by the attached cable.

Please contact us if you require advice on connector selection. Our Engineers will be pleased to help, and may be able to assist you with your total connector system requirement at the same time.

Product brochures are available on ...

| | |
|---------------------------------|-------------------------|
| IE55 Connectors | Defence Projects |
| Metal Shell Connectors | Micro Connectors |
| Metal Shell PBOF Connectors | Penetrators |
| IE55 Subminiature Connectors | Cable Assemblies |
| Epoxy/Rubber moulded Connectors | Encapsulated Products |
| Micro Wet Pluggable Connectors | Polyethylene Products |
| Underwater Pluggable Connectors | High Density Connectors |
| Design and Development Projects | Titan Connectors |
| Wet Pluggable Connectors | Hybrid Connectors |
| Polyurethane Elastomers | Fibre Optic Connectors |
| Transition Zone Connectors | Fibre Optic Penetrators |
| Quickcure Moulding System | Polyethylene Moulding |

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BS EN ISO 9001:2000