

SERIES V CONNECTORS

INTERNAL/EXTERNAL TOTALLY BONDED CONNECTOR



PRODUCT DESCRIPTION

Geospace Technologies offers a complete line of Hydroconn connectors specifically designed and manufactured to meet the rugged requirements for in pit, underwater applications. Geospace's unique design ensures total moisture sealing for even the toughest underwater applications, yet they are easily re-entered for troubleshooting a transponder or for a meter swap out. Versions are available that utilize molded in place or potted terminations for sealing. All versions are totally intermateable with the Badger In line Connector.

FEATURE HIGHLIGHTS

- Special manufacturing process designed to vastly improve cable/connectors reliability for rugged field applications
- Flexible TPU and Glass-filled TPU extruded cable jacket and molded connector
- Design prevents misalignment of damaged pins
- Gold-coated pins prevent corrosion and reliable electronic connection



MECHANICAL SPECIFICATIONS

Connector Material	Flexible TPU and Glass Filled TPU
Contacts	Machined 22 AWG Copper Alloy
Contact Plating	5μ inches gold over 50μ Ni
Temperature Rating	-20°C to +80°C, Low temp cable flexibility
Cable Jacket <i>(Cable Connectors Only)</i>	TPU
Pressure Rating <i>(Cable Connectors Only)</i>	Submersible to 30 meters
Sealing Method	Serviceable O-ring in plug with no parting line in groove

ELECTRICAL SPECIFICATIONS

Insulator	Glass filled thermoplastic
Current Rating	7.5 amps
Voltage Rating	300 V AC/RMS 50Hz
Insulation Resistance	5000 MΩ at 500 VDC

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SOLUTIONS FOR A SMARTER FUTURE

Specifications subject to change at sole discretion of Geospace Technologies.