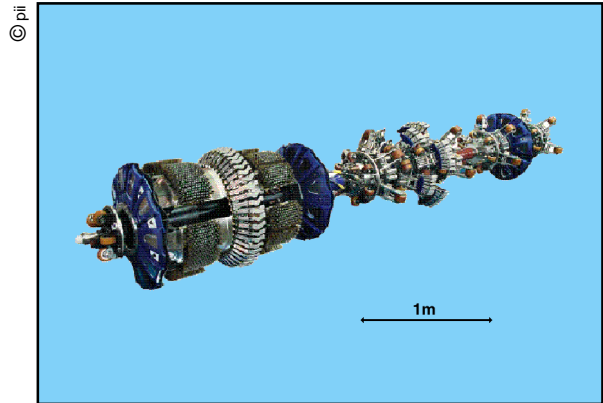


PDM

Subsea products and services



Subminiature IE55 Connectors

Subminiature IE55 Connectors

The IE55 connector is a widely accepted standard throughout the industry and has a good name for functionality, quality and reliability. Impulse decided to develop this standard by producing a number of subminiature connectors based on the IE55 build.

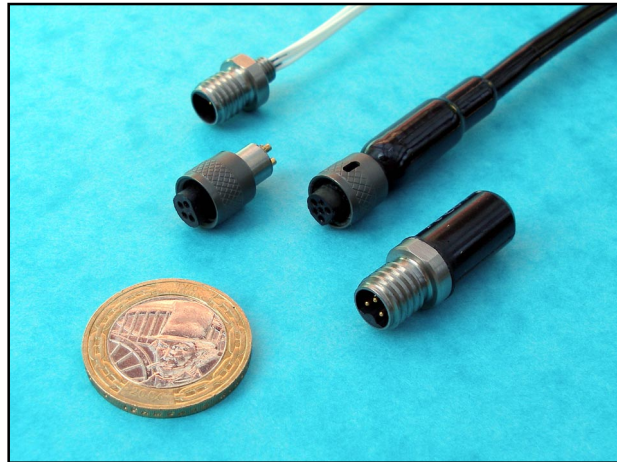
The IE55 subminiature connector is one of the smallest underwater connectors available and has featured in a number of significant defence projects.

These small connectors are particularly suited to miniature instrumentation and sensor applications, where a robust miniature connector is required due to its duty and the compact nature of the connected device.

The standard IE55 subminiature connectors, IE55-1200, are available with 4 to 6 contacts. To enhance the scope of applications a wet pluggable version, IE55(W)-1000, has been developed with 2 or 3 contacts.



Subminiature IE55 Connectors



A selection of Subminiature IE55 Connectors

The connectors are pressure rated up to 10,000 psi mated and the bulkhead connector is rated to 5,000psi open face. PDM Neptec offers a comprehensive harness design and termination & moulding service to clients. All such work is carried out under BS EN ISO 9001:2000. With such miniature components some clients prefer to sub-contract the harness project in its entirety to PDM.



Product Data

Configuration:	Bulkhead and In-line
Contacts:	4 to 6 (Standard), 2 to 3 (Wet pluggable)
Contact finish:	Gold
Threads:	$\frac{9}{8}$ " - 20 UNF to $\frac{3}{4}$ " - 18 UNF
Body:	Titanium
In-line connectors:	Neoprene
Voltage max:	300V DC
Current max:	22#(AWG)-2A to 20#-3A
Pressure (mated):	up to 10,000psi
Pressure (o/face):	5,000psi (Bulkhead)
Quality (Impulse):	Mil Spec Options
Quality (Neptec):	BS EN ISO 9001:2000

NB. Ratings above may be influenced by 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
Glass Reinforced Epoxy Connectors
Metal Shell PBOF Connectors
Metal Shell Connectors
Epoxy/Rubber moulded Connectors
Micro Wet Pluggable Connectors
Underwater Pluggable Connectors
Design and Development Projects
Wet Pluggable Connectors
Polyurethane Elastomers
Transition Zone Connectors
Quickcure Moulding System
Defence Projects
Micro Connectors
Penetrators
Cable Assemblies
Encapsulated Products
Polyethylene Products
High Density Connectors
Titan Connectors
Hybrid Connectors
Fibre Optic Connectors
Fibre Optic Penetrators
Polyethylene Moulding

PDM Neptec



4-6 Alton Business Centre
Omega Park Alton Hants
GU34 2YU England
Telephone: +44 (0)1420 85848
Fax: +44 (0)1420 84288
E-mail: sales@pdmneptec.com
Web Site: www.pdmneptec.com



BS EN ISO 9001:2000