



HOW CAN I HELP?



MK 35

Naval Connectors



AB Connectors Limited

The AB Connectors Mk35 Connector series is derived from the American Mil-C-38999 Series III specification. The connectors intermate and can be interchanged with the standard Series III connector, but to ensure optimum performance in the most severe environments, Mk35 connectors feature nickel aluminium bronze as the material for shells, coupling nuts and other major components.

Mk35 connectors feature 100% 'scoop proof' design and coupling is achieved by a triple start course thread. The connectors also feature a self locking anti-vibration mechanism for secure mating in high vibration environments.

Contacts which conform to Mil-C-39029 are crimp rear insertion, rear extraction and the socket is protected from probe damage by using a restricted entry design.

Sealing between mating connectors is by compression of a interfacial seal and around each individual contact.

A comprehensive range environment/plain backshells and accessories is available.

AB Mk35 connectors are approved to CECC 75 201 002 Specification.



Specifications

Standard Materials & Finishes

Shell:	Marine bronze, self finish
Insulator:	Assembly of rigid plastic/silicone rubber
Contacts:	Copper alloy, gold plated

Mechanical Features

Coupling:	Triple start course thread
Polarisation	5 key/keyway
Contact Type:	Crimp, rear insertion, rear release, rear removable
Contact	
Arrangements:	2 to 128 contacts

Electrical Data

Maximum Contact	
Current Ratings:	3 amps to 16 amps
Voltage Rating:	Working 500V to 2300V DC/AC Peak
Contact Resistance:	5 m ohms max
Temperature Rating:	-65°C to +175°C



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