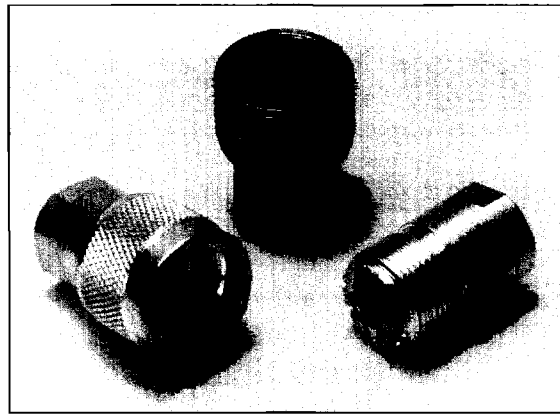


UHF Series

Features

- Threaded Coupling
- Non-Constant Impedance
- Available for a Wide Selection of Cables
- Choice of Plating Options

M/A-COM UHF connectors are ideally suited for mobile communication applications where low installed cost, superior performance and off-the-shelf availability are requirements. UHF connectors have threaded mating coupling with interlocking serrations to prevent accidental un-mating in even the harshest environments. The frequency range for UHF connectors is 500 MHz and all popular configurations for all popular cable sizes are available from M/A-COM. Standard plating is nickel plated body with silver plated center contact.



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The following factors should be considered when selecting a connector:

- Series(Consider Application, Compatibility)
- Impedance(50 or 75 ohms)
- Style(Plug, Jack, Adapter...etc.)
- Finish(Bright Nickel, Gold...etc.)
- Method of Assembling Connector to Cable(Crimp, Clamp or Solder)

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Fax (800) 618-8883

■ Asia/Pacific: Tel. +85 2 2111 8088
Fax +85 2 2111 8087

■ Europe: Tel. +44 (1344) 869 595
Fax +44 (1344) 300 020

UHF Series Specifications

All the information included within this page is typical for the series but will not necessarily apply to every style and version.

Specifications		
Mating face:	Standard 5/8-24 Threaded Coupling	
Impedance:	Non-constant	
Working voltage:	500 V peak	
Proof voltage:	3000 V peak	
Contact resistance:	<5 milliohm (per contact pair)	
Frequency limit:	d.c. to 500 MHz	
Piece part specification	Base materials	Plating types
Body parts	Brass	Passivated silver over copper or Bright nickel over copper
Insulators	P.T.F.E.	NA
Gaskets	Silicone rubber	NA
Center contacts	Brass	Passivated silver over copper

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UHF Series

CONNECTORS AND REDUCING ADAPTERS

Figure 1

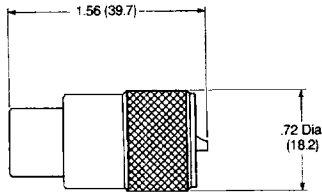


Figure 2
Solder Clamp

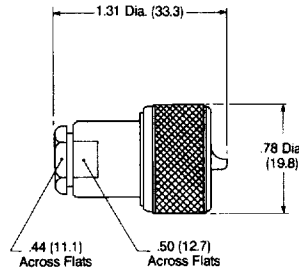


Figure 3
Reducing Adapter²

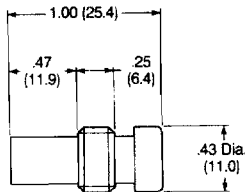


Figure 4
Front Mount Panel

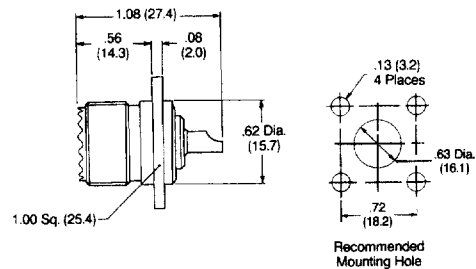
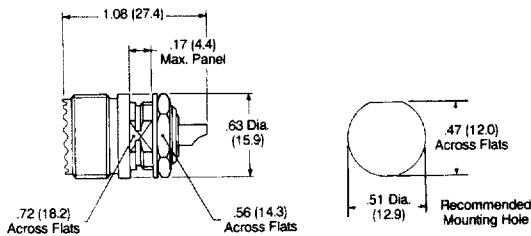


Figure 5
Front Mount Bulkhead



RG-/U Cable	Cable Attachment Inner	Cable Attachment Outer	Part Number	Figure
9,13, 214, 216	Solder	Solder	U40 A01 H004 X99	1
58	Solder	Clamp	U40 A32 H010 X99	2
58	—	—	U40 X08 H999 X99 ²	3
59, 62	—	—	U40 X09 H999 X99 ²	3
—	—	—	U40 K03 H999 X99 ²	4
—	—	—	U40 M10 H999 X99 ²	5

Notes:

1. Finish: Bright nickel plated body and silver plated center contact.
2. To be used with part number U40A01H004X99.

Metric equivalents (to the nearest 0.1 mm) are given in parentheses for general information.

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UHF Series

ADAPTERS

Figure 1
Jack-Jack, Straight

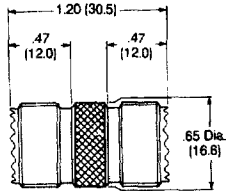


Figure 2
Jack-Jack, Bulkhead

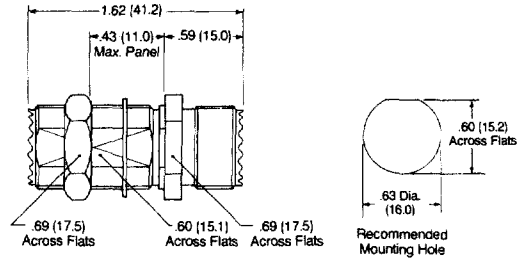
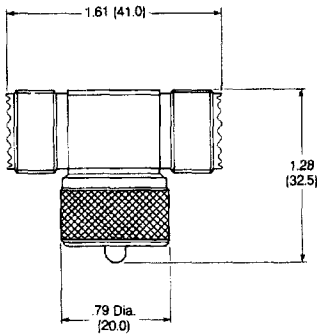


Figure 3
Jack-Plug-Jack



Type	Part Number	Figure
Jack-Jack	U40 P06 H999 X99	1
Jack-Jack, Bulkhead	U40 R77 H999 X99	2
Jack-Plug-Jack	U40 P42 H999 X99	3

Notes:

1. Finish: Bright nickel plated body and silver plated center contact.
2. To be used with part number U40A01H004X99.

Metric equivalents (to the nearest 0.1 mm) are given in parentheses for general information.

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