## Specifications for Mini-UHF

Mini-UHF style connectors are miniature versions of the standard UHF types. They are lightweight and compact. These non constant impedance coaxial connectors are designed for applications where miniaturization is essential. A primary use of these types is in cellular telephone antenna lead applications, but they can be used in any application up to 2 Ghz and a voltage up to 335 V.

MATERIALS		
Connector Parts	Material	
Connector Body and Parts	Brass	
Male Contact Pin	Brass	
Outer Contact	Brass	
Crimp Ferrule	Annealed Copper	
Insulators,	Delrin	
Plating	Nickel	

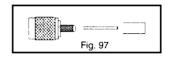
ELECTRICAL			
Requirement	Performance		
Impedance	Non Constant		
Frequency Range	0-2 GHz		
VSWR	1.25 Max.		
Working Voltage (At Sea level)	335V rms		
Insulation Resistance	5000 Megohm Min.		
Dielectric	1000V at 60Hz, rms		
Withstanding Voltage	(For 1 Minute)		

MECHANICAL & ENVIRONMENTAL			
Requirement	Performance		
Durability	500 Matings		
Cable Retention (Cable Types)	40 lbs. Minimum Pull Test		
Coupling Nut	45 lbs. Maximum		
Temperature Range	Delrin: -55 to +85C		

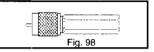
## **Crimp Plugs**

Mini-UHF cable plugs are available in three-piece crimp and also twist-on versions to satisfy the installer's preference. Two cable diameters are facilitated with these connectors for applicable applications.

Part	Description	RG/U	Fig.
Number		Cable	No.
610A608F	Crimp Plug	58	97
610A608G	Crimp Plug	59, 62	97
610A405F	Twist-On Plug	58	98
610A405G	Twist-On Plug	59, 62	98



Black Anodize Available



## **Jacks**

Two cable jacks and one panel jack style are available as standard items. The cable jacks utilize the crimp method of assembly and the panel jack will facilitate any cable size by soldering the center conductor to the connector's solder-cup contact.





Part	Description	RG/U	Fig.
Number		Cable	No.
620A608F	Cable Jack,	58	99
620A608G	Cable Jack,	59, 62	99
626N518	Bulkhead Panel Jack, Solder Cup	Any	100

## **Adapters**

Standard configurations of adapters are machined brass with attractive nickel plating. All contacts are gold plated brass (males) and phosphor bronze (females).

Part	Description	Fig.
Number		No.
631A505	Male/Male	101
632U508	Female/Female Inline	102
643A505	F/M/F "T" Adapter	103
645A505	F/F/F "T" Adapter	104
651A505	F/M Right Angle Adapter	105

