

General Description

Delta UHF connectors are economical, medium size, nonconstant impedance connectors with 5/8"-24 threaded coupling. These connectors are not weatherproof. UHF connectors are best suited for use in low-frequency applications. Adapters between UHF and other series are shown starting on page 174.

UHF Specifications

Electrical:

Nominal Impedance: Nonconstant.
Frequency Range: DC–200 MHz, use with caution to 500 MHz.
Voltage Rating: 500 volts RMS.

Materials/Finishes:

Insulators: Teflon per ASTM D1710.
Male Contacts: Brass per ASTM B16.
Female Contacts: Beryllium Copper per ASTM B196.

Contact Plating: Silver per QQ-S-365.
Other Metal Parts: Brass per ASTM B16, plated Silver per QQ-S-365, or Nickel per QQ-N-290.

Straight Plug—For Flexible Cable

Figure 1
(Compression clamp)

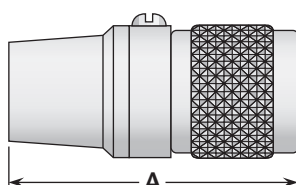
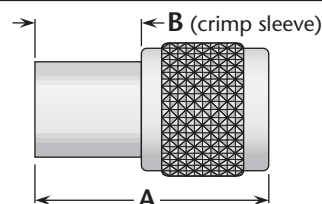


Figure 2
(Crimp type)



Cable Group	Figure	Dimensions		Plating		Delta P/N	Assembly Procedure/ Trim Code
		A	B	Body	Contact		
2, 3	1	1.56	—	Silver	Silver (C)	PL-259A	***
3	2	1.44	.63	Nickel	Silver (C)	5003-005-N001	***
5	2	1.44	.50	Nickel	Silver (C)	5003-012-N001	***
6	2	1.44	.50	Nickel	Silver (C)	5003-013-N001	***
7	1	1.56	—	Silver	Silver (C)	UG-203/U	***

Bulkhead and Panel Receptacles

Figure 1
(Panel jack receptacle)

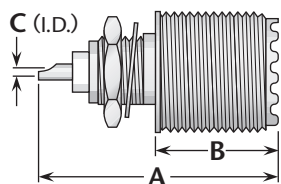
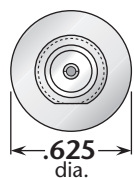
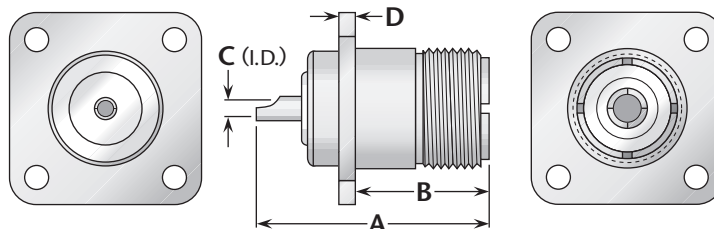


Figure 2
(Bulkhead jack receptacle, front mount)

Figure 3
(Panel plug receptacle)

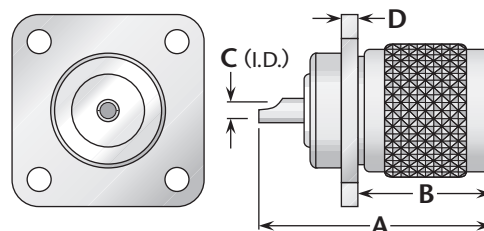


Figure	Dimensions				Mounting Figure	Plating		Delta P/N
	A	B	C	D		Body	Contact	
1	1.18	.70	.100	.080	33	Nickel	Silver (C)	5013-000-N331
2	1.25	.657	.062	.125	65	Nickel	Silver (C)	5020-000-N651
3	1.03	.72	.100	.080	33	Nickel	Silver (C)	5023-000-N331-1

See page 204 for cable groups. • ***Contact factory for cable assembly instructions. • See page 203 for mounting dimensions.
 (C) in contact plating column indicates captive contact. • See page 6 for alternate body plating information.