### **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)

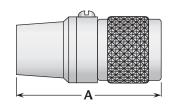
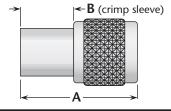


Figure 2 (Crimp type)

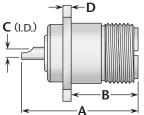


Cable Group	Figure	Dimensions		Plating		Delta P/N	<b>Assembly Procedure</b> /
		A	В	Body	Contact	Deita P/N	Trim Code
2, 3	1	1.56	_	Silver	Silver (C)	PL-259A	***
3	2	1.44	.63	Nickel	Silver (C)	5003-005-N001	***
5	2	1.44	.50	Nickel	Silver (C)	5003-012-N001	***
6	2	1.44	.50	Nickel	Silver (C)	5003-013-N001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

# **Bulkhead and Panel Receptacles**

Figure 1 (Panel jack receptacle)









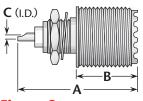


Figure 2 (Bulkhead jack receptacle, front mount)

Figure 3 (Panel plug receptacle)



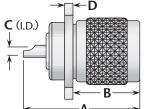


Figure	Dimensions				Mounting	Plating		Delta P/N
	A	В	C	D	Figure	Body	Contact	Deita P/N
1	1.18	.70	.100	.080	33	Nickel	Silver (C)	5013-000-N331
2	1.25	.657	.062	.125	65	Nickel	Silver (C)	5020-000-N651
3	1.03	.72	.100	.080	33	Nickel	Silver (C)	5023-000-N331-1

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.