## **General Description**

Delta G874 connectors are hermaphroditic,  $50\Omega$  impedance connectors with an interface compatible with all General Radio GR874 series connectors. This slide-on interface has been a standard for many years on a wide variety of test equipment, due to its good electrical characteristics and ease of mating.

All connectors in this series are also available with a locking interface for added mechanical security where needed. Locking and non-locking interfaces are intermateable.

## **Specifications**

## **Electrical:**

Nominal Impedance: 50 ohms. Frequency Range: DC-8.5 GHz, or

as noted.

## **Materials/Finishes:**

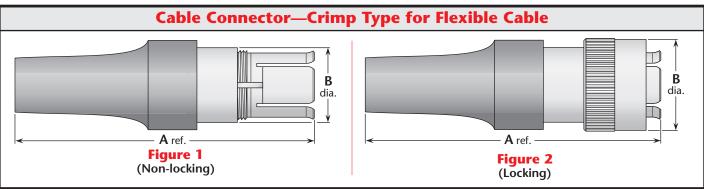
Insulators: Teflon per ASTM D1710. Contacts: Beryllium Copper per ASTM B196.

Contact Plating: Albaloy (see page 4 for details)

Gaskets: Silicone rubber per 2-R-765, Class II, Grade 50.

Other Metal Parts: Brass per ASTM B16, Nickel plated per QQ-N-290, or Albaloy plated.

**Interface Kit** Figure 1 Figure 2 B В (Locking) (Non-locking) dia. dia. A ref. A ref. **Dimensions Figure Plating Delta P/N** A 1.09 .81 See specifications 2801-000-N000-1 2 1.12 .99 See specifications 2801-000-N000



Cable Group	Figure	Dimensions		Disting	Delta P/N	<b>Assembly Procedure</b> /
		Α	В	Plating	Deita P/N	Trim Code
2, 3	1	3.27	.81	See specifications	2802-002-F001-1	***
2, 3	2	3.27	.99	See specifications	2802-002-F001	***
5, 6	1	3.27	.81	See specifications	2802-012-N001-1	***
5, 6	2	3.27	.99	See specifications	2802-012-N001	***
7	1	3.27	.81	See specifications	2802-021-N001-1	***
7	2	3.27	.99	See specifications	2802-021-N001	***
9	1	3.27	.81	See specifications	2802-037-N001-1	***
9	2	3.27	.99	See specifications	2802-037-N001	***

See page 204 for cable groups. • \*\*\*Contact factory for cable assembly instructions. • Change N in part numbers to Q for Albaloy body.