

SAMPLE

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RF Coaxial Connectors

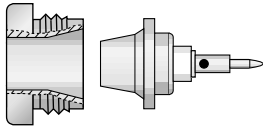
CATALOG 2000



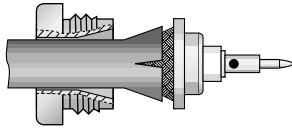
(978) 927-1060 • FAX (978) 922-6430 • www.DeltaRF.com
P.O. Box 53 • 416 Cabot St. • Beverly, MA 01915

Heli-Grip® Cable Attachment—for Flexible Cable

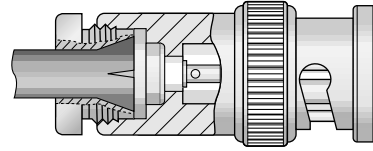
(Available for BNC, N, and TNC connector series as noted in product pages)



**Backnut; cone/contact/
insulator subassembly**



**Cable assembled to
hardware subassembly**



(Proportions altered to illustrate detail)
As assembled in connector

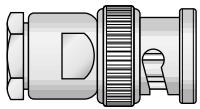
With their reduced parts count and rapid assembly, Delta's Heli-Grip connectors offer you significant time savings in your cable assembly operation, without the need for dedicated crimp tools.

Heli-Grip connectors all have captivated contacts, and assembly is easy—simply trim the cable, slide the trimmed cable into the cone/insulator/contact assembly (left), solder the center conductor to the contact, and screw the body assembly (right) onto the backend assembly.

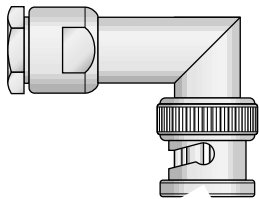
The assembled connectors have cable retention strength greater than the force required to tear the cable braid.

Standard Heli-Grip Configurations

BNC series

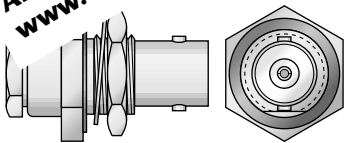


Straight plug—page 11

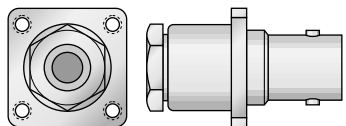


Right angle plug—page 13

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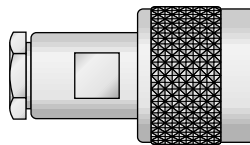


Bulkhead jack—page 16

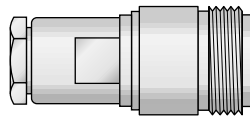


Panel jack—page 18

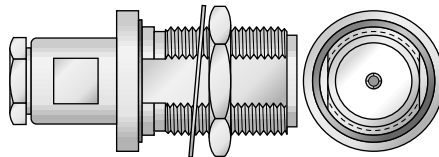
N series



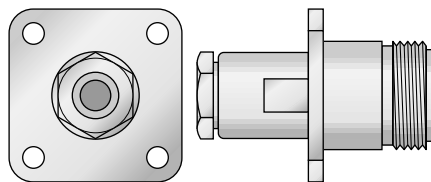
Straight plug—page 57



Straight jack—page 61

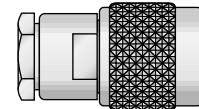


Bulkhead jack—page 63

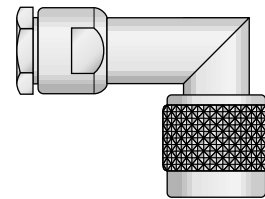


Panel jack—page 65

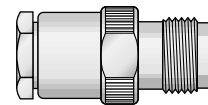
TNC series



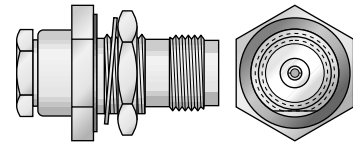
Straight plug—page 118



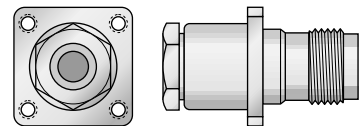
Right angle plug—page 120



Straight jack—page 121



Bulkhead jack—page 122



Panel jack—page 123

Bulkhead Jack Receptacles with Solder Lug

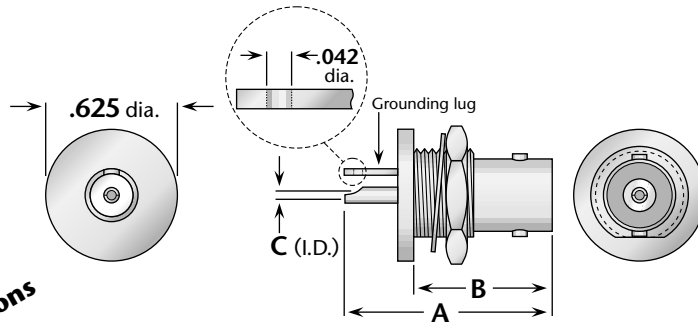


Figure 1
(Standard grounding)

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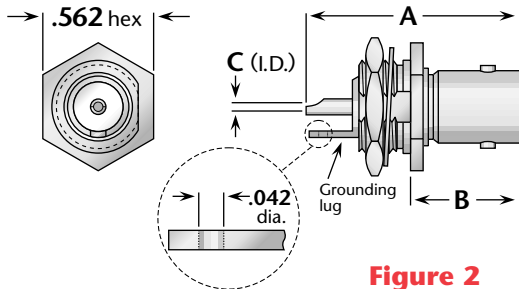
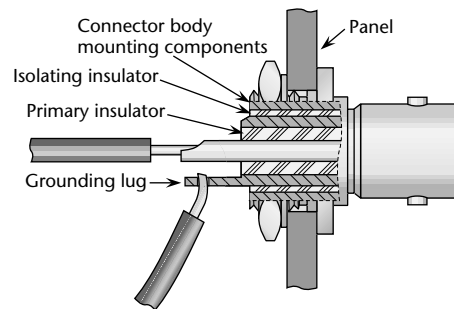


Figure 2
(Isolated ground)

Isolated-Ground Receptacles

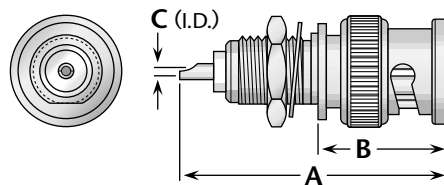


These receptacles feature an additional insulator between the main connector body and the body's mounting surfaces, electrically isolating the ground signal of the circuit from the panel. The circuit ground signal is passed through the panel via the solder lug for termination inside the equipment. Since they are not a triaxial connector design, isolated-ground receptacles can be used with any standard BNC plugs.

| Figure | Dimensions | | | Max. Panel | Mounting Figure | Plating | | Delta P/N |
|--------|------------|-----|------|------------|-----------------|---------|----------|---------------|
| | A | B | C | | | Body | Contact | |
| 1 | 1.06 | .72 | .062 | .17 | 59 | Nickel | Gold (C) | 1021-000-N591 |
| 2 | 1.06 | .50 | .062 | .17 | 59 | Nickel | Gold (C) | 1020-000-F59G |

Bulkhead Plug Receptacle

Figure 1
(Front mount)



| Figure | Dimensions | | | Max. Panel | Mounting Figure | Plating | | Delta P/N |
|--------|------------|-----|------|------------|-----------------|---------|------------|---------------|
| | A | B | C | | | Body | Contact | |
| 1 | 1.25 | .69 | .062 | .16 | 65 | Nickel | Silver (C) | 1024-000-N651 |

(C) in contact plating column indicates captive contact.