Series 804 "Mighty Mouse"
ASAP Cordsets
Introduction and Specifications

Glenair®

Series 804 ASAP Cordsets

PRODUCT FEATURES

- **Rugged Polyurethane Cable Jackets**
- **ASAP QDC Cordsets Available with Plug and Receptacle Connectors**
- **Ideal for Hostile Environments**
- **Braided Tinned Copper Shields Band Terminated Directly to Connector Body**

Glenair ASAP "Mighty Mouse" Cordsets Offer Watertight Sealing and Excellent Cold Temperature Flexibility

Rugged thermoplastic polyurethane cable jackets provide excellent toughness and good environmental weathering. Braided tinned copper shields are terminated directly to the connector body with a stainless steel *BAND-IT*® clamp . Ideal for hostile environments, these ASAP cordsets are suitable for tactical military gear, geophysical equipment and industrial applications. Contact Glenair for other cable options not covered in this catalog. Glenair offers a wide variety of cabling materials and constructions to meet any requirement.

Series 804 Cordset Specifications

Primaries (Conductors)	#24 AWG Teflon®-Insulated Tinned Copper, 19 Strand, Per MIL-W-22759/11-24
Wire Color Code	3 - 10 Pin Cables: Color-Coded in Accordance With MIL-STD-681 System 1, Wire Number 1 Black 19 - 85 Pin Cables: White
Cable Shield	Tinned Copper Braid, 90% Minimum Coverage
Jacket	Thermoplastic Polyurethane, Black, UL 94 V-0 Rated
Shield Termination	*BAND-IT*® Termination Tystem With Stainless Steel Band
Operating Temperature	-30° C. to +105° C.
Overmolding Compound	Polyamide
Solvent Resistance	Excellent Resistance to Most Solvents, Fuels and Oils; Poor Resistance to Strong Acid and Bipolar Solvents (Alcohol)
Resistance at 20° C.	(8 Milliohms Mated Contacts) + (15 Milliohms Per Foot Of Wire)
EMI Shielding Effectiveness	40 dB Attenuation, 100 MHz to 1000 MHz
Contact Current Rating	5 Amps Maximum
Dielectric Withstanding Voltage	500 VAC Sea Level
Insulation Resistance	200 Megohms Minimum
Immersion	1 Meter Immersion for 1 Hour per MIL-STD-810 Method 512

CAGE Code 06324

Printed in U.S.A.

Series 804 "Mighty Mouse"
ASAP Cordsets
807-169, 807-170 & 807-183

Glenair®

Series 804
QDC

How to Order Series 804 ASAP Cordsets

END A   *END B*

807-169 Plug-to-Plug Cordset Shown

How to Order Series 804 Cordsets

Series	Number Of Contacts	End A Contact Type	End B Contact Type	Shell Material / Finish	Length in Inches
807-169 Plug to Plug Cordset	**4** (Shell Size 6)	**P** Male Pin	**P** Male Pin	**M** Aluminum, with Electroless Nickel Finish	**Example:** 72 = Six Feet Overall Length
	7 (Shell Size 6)	**S** Female Socket	**S** Female Socket	**NF** Aluminum, with Olive Drab Cadmium Finish	
807-170 Plug to In-Line Receptacle Cordset	**10** (Shell Size 7)		**N** No Connector on End B (Single-Ended Cable-Not Applicable to 807-170)	**ZN** Aluminum, with Olive Drab Zinc-Nickel Finish	
	19 (Shell Size 9)				
807-183 In-Line Receptacle to In-Line Receptacle Cordset	**37** (Shell Size 12)			**ZNU** Aluminum, with Black Zinc-Nickel Finish	
	55 (Shell Size 14)			**Z1** Stainless Steel, with Passivated Finish	
	85 (Shell Size 15)				

Part Number Example

| 807—169 | —10 | P | S | M | — 48 |

CAGE Code 06324   Printed in U.S.A.

ASAP Cordset Dimensions

Series 804 QDC Cordset Dimensions

LENGTH
- .000 (0.0)
+1.000 (25.4)

END B

2.000 (50.8)
MAX

SHIELDED
JACKETED
CABLE

OVERMOLDING

END A
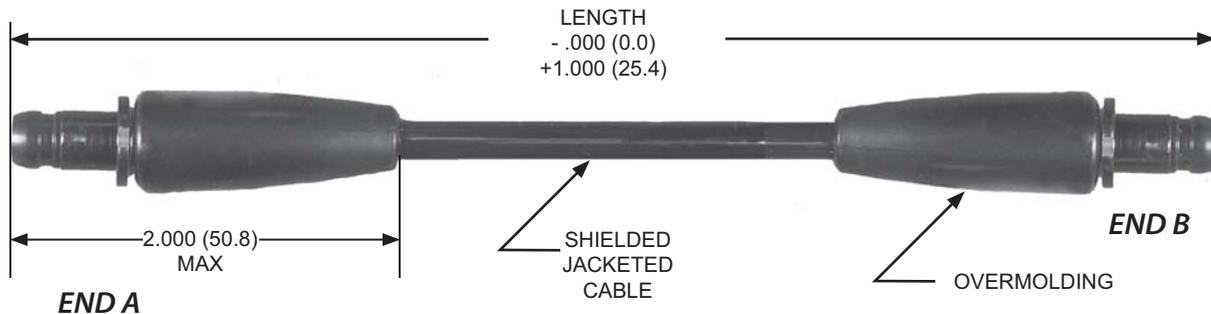
Plug-to-Plug Cordset
807-169

END A

END B

Plug-to-In Line Receptacle
807-170

END A

END B

In Line Receptacle-to-In Line Receptacle
807-183

CAGE Code 06324

Printed in U.S.A.

GLENAIR, INC. • 1211 AIR WAY • GLENDALE, CA 91201-2497 • 818-247-6000 • FAX 818-500-9912
www.glenair.com
F-22
E-Mail: sales@glenair.com