

**Series 800 “Mighty Mouse”
ASAP Cordsets**
Introduction and Specifications



Series 800
Lght Duty



**Series 800
ASAP Cordsets**

PRODUCT FEATURES

- **Watertight Sealing**
- **Cold Temperature Flexibility**
- **Ideal for Hostile Environments**
- **Rugged Thermoplastic Polyurethane Cable Jackets**
- **Polyamide Overmolding Provides Environmental Protection and Strain Relief**
- **Band-Terminated Braided Tinned Copper Shields**
- **Aluminum or Stainless Steel**

Glenair's 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.

Series 800 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 - 37 Pin Cables: White
Cable Shield	Tinned Copper Braid, 90% Minimum Coverage
Jacket	Thermoplastic Polyurethane, Black, UL 94 V-0 Rated
Shield Termination	<i>BAND-IT</i> [®] Termination System 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

How to Order Series 800 ASAP Cordsets

ASAP Cordsets are available with plug and receptacle connectors.

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.



807-175 Plug-to-Plug Cordset Shown

How to Order Series 800 Cordsets

Series	Number Of Contacts	Plug Style	End A Contact Type	End B Contact Type	Shell Material / Finish	Length in Inches
807-175 Plug to Plug Cordset	4 (Shell Size 6)	A Hex Coupling Nut Non Self-Locking	P Male Pin	P Male Pin	M Aluminum, with Electroless Nickel Finish	Example: 72 = Six Feet Overall Length
807-176 Plug to In-Line Receptacle Cordset	7 (Shell Size 6) 10 (Shell Size 7)	B Hex Coupling Nut Self-locking	S Female Socket	S Female Socket	NF Aluminum, with Olive Drab Cadmium Finish	
807-185 In-Line Receptacle to In-Line Receptacle Cordset	19 (Shell Size 9)	C Round Knurled Coupling Nut Non Self-Locking		N No Connector on End B (Single- Ended Cable- Not Applicable to 807-176))	ZN Aluminum, with Olive Drab Zinc-Nickel Finish	
	37 (Shell Size 12)	D Round Knurled Coupling Nut Self-Locking (Omit for 807-185 Receptacle Cordset)		ZNU Aluminum, with Black Zinc- Nickel Finish		
					Z1 Stainless Steel, with Passivated Finish	

Part Number Example

807-176	-10	A	S	P	Z1	- 48
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Series 800 "Mighty Mouse"
ASAP Cordset Dimensions
807-175, 807-176 & 807-185



Series 800
Light Duty

Series 800 ASAP Cordset Dimensions

