

**Series 801 “Mighty Mouse”
ASAP Cordsets**
Introduction and Specifications



Series 801
Heavy Duty



Series 801 ASAP Cordsets

PRODUCT FEATURES

- Available with Plug & Receptacle Connectors
- Rugged Thermoplastic Polyurethane Jacket
- Environmentally Sealed
- Band Terminated Braided Tinned Copper Shields
- Ideal for Hostile Environments
- Military, Geophysical and Industrial Applications

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

Rugged thermoplastic polyurethane cable jackets provide excellent toughness and 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 801 Cordset Specifications

Primaries (Conductors)	#24 AWG Teflon [®] -Insulated Tinned Copper, 19 Strand, Per MIL-W-22759/11-24
Wire Color Code	Color-Coded in Accordance With MIL-STD-681 System 1, Wire Number 1 Black
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 801 Cordsets

ASAP Double-Start 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.



END A

807-172 Plug-to-Plug Cordset Shown

END B

How to Order Series 801 Cordsets

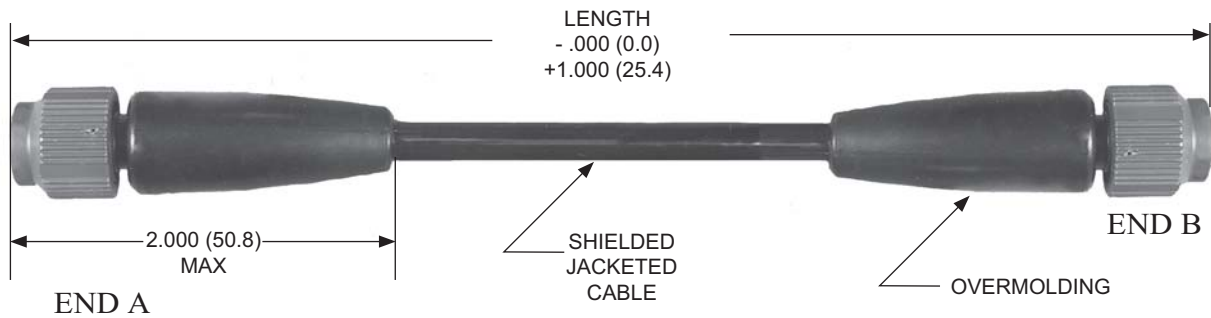
Series	Number Of Contacts	End A Contact	End B Contact	Shell Material / Finish	Length in Inches
807-172 Plug to Plug Cordset	4 (Shell Size 6)	P Male Pin	P Male Pin	M Aluminum, with Electroless Nickel Finish	Example: 72 = Six Feet Overall Length
807-173 Plug to In-Line Receptacle Cordset	7 (Shell Size 6)	S Female Socket	S Female Socket	NF Aluminum, with Olive Drab Cadmium Finish	
807-177 In-Line Receptacle to In-Line Receptacle Cordset	10 (Shell Size 7)		N No Connector on End B (Single-Ended Cable- Not Applicable to 807-173)	ZN Aluminum, with Olive Drab Zinc-Nickel Finish	
	19 (Shell Size 9)			ZNU Aluminum, with Black Zinc-Nickel Finish	
	37 (Shell Size 13)			Z1 Stainless Steel, with Passivated Finish	
	55 (Shell Size 16)				
	85 (Shell Size 17)				

Part Number Example

807—172	—10	P	S	M	— 48
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Series 801 Cordset Dimensions

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807-172 Plug-to-Plug Cordset



807-173 Plug-to-In Line Receptacle



807-177 In Line Receptacle-to-In Line Receptacle