

## Series 800 “Mighty Mouse” with UN Mating Thread Overmolded Cordsets 800-033 and 800-034



Glenair’s ASAP “Mighty Mouse” overmolded cordsets offer watertight sealing and excellent cold temperature flexibility. These cables are 100% tested and ready for use.

**Shielded** – 90% braid coverage and **BAND-IT**® shield termination meet EMI requirements.

**Two Jacket Types** – Extruded Estane polyurethane jacket resists abrasion, provides excellent flexibility, withstands continuous exposure to weather and solvents. Choose standard or Low Smoke/Zero Halogen.

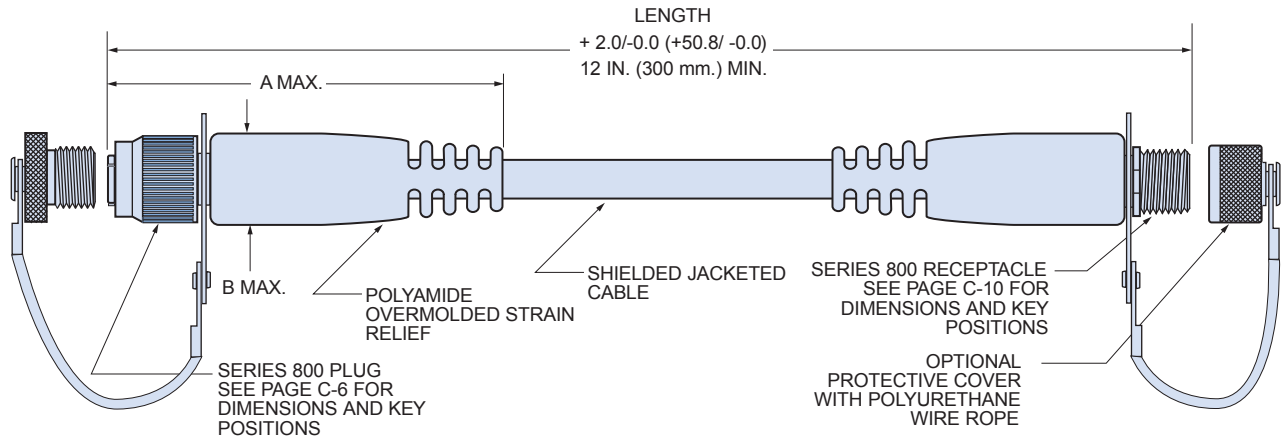
**Simplified Ordering, No Minimums**

Series 800 Overmolded Cordset

### HOW TO ORDER SERIES 800 OVERMOLDED CORDSETS

Sample Part Number									
800-033	-A	C	K	2	M	7-10	P	Z	-72
Series	End A Connector	End B Connector	Plug Style	Wire Size	Shell Material / Finish	Insert Arr.	Protective Cover	Shell Key Pos.	Length
800-033 Overmolded Cordset, Shielded, with Polyurethane Cable Jacket	-A Plug, with Male Pin Contacts	A Plug, with Male Pin Contacts	K Round Knurled Coupling Nut	2 #22 AWG (Std.)	C Aluminum / Black Anodize (Non-Conductive) RoHS Compliant	5-3 6-1 6-4 6-7 7-1	P Metal Protective Covers Included	N Normal	Overall Length In Inches 12 Inch Min.
	-B Plug, with Female Socket Contacts	B Plug, with Female Socket Contacts	KL Round Knurled Coupling Nut, Self-Locking	4 #24 AWG (Std.)	M Aluminum / Electroless Nickel RoHS Compliant	7-10 8-2 8-13 8-200	N No Covers Supplied	X Pos. X Y Pos. Y	
	-C Receptacle, with Male Pin Contacts	C Receptacle, with Male Pin Contacts	H Hex Coupling Nut		NF Aluminum / Cadmium with Olive Drab Chromate	9-4 9-19 9-200		Z Pos. Z	
	-D Receptacle, with Female Socket Contacts	D Receptacle, with Female Socket Contacts	HL Hex Coupling Nut, Self-Locking		ZN Aluminum / Zinc-Nickel with Olive Drab Chromate	9-201 10-5 10-26 10-200 10-201 10-202			
800-034 Overmolded Cordset, Shielded, with Low Smoke/ Zero Halogen Polyurethane Jacket		N No Connector (Single-Ended)	N Receptacle Cable		UCR Aluminum / Zinc-Cobalt with Black Chromate RoHS Compliant	12-2 12-3 12-7 12-37 12-200 12-201			
					ZNU Aluminum / Zinc-Nickel with Black Chromate				
					MT Aluminum / Nickel-PTFE RoHS Compliant				
					Z1 Stainless Steel / Passivated RoHS Compliant				

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### RIGHT ANGLE CORDSETS

**How To Order Right Angle Cordsets**  
Insert the letter "R" after the End A or End B Connector letter designator.

**Example**  
Straight cable 800-033-AC4Z16-4PN-72  
Right Angle 800-033-ARCR4Z16-4PN-72

### DIMENSIONS

Shell Size	A Max.		B Max.		C Max.		D Max.		E Max.	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
5	2.000	50.80	.490	12.45	1.500	38.10	.490	12.45	1.650	41.91
6	2.500	63.50	.560	14.22	1.500	38.10	.560	14.22	1.650	41.91
7	2.500	63.50	.680	17.27	1.700	43.18	.680	17.27	1.700	43.18
8	2.500	63.50	.740	18.80	1.750	44.45	.740	18.80	1.750	44.45
9	2.500	63.50	.810	20.57	1.750	44.45	.810	20.57	1.750	44.45
10	2.750	69.85	.870	22.10	1.750	44.45	.870	22.10	1.750	44.45
12	3.000	76.20	.930	23.62	1.750	44.45	.930	23.62	1.750	44.45

## SPECIFICATIONS

Cable Jacket Material	Thermoplastic Polyurethane, Black, UL 94 V-0 Rated
Cable Shield	Tin-Coated Copper Braid, 90% Minimum Coverage
Conductors	Silver Coated Stranded Wire, TFE Insulated, Per M22759/11
<b>BAND-IT®</b> Shield Termination Band	Stainless Steel
Current Rating	Up to 5 AMP Continuous Duty With #22 AWG Wire
Test Voltage (Dielectric Withstanding Voltage)	500 VAC RMS sea level, 100 VAC RMS 70,000 feet
Insulation Resistance	200 megohms minimum
Operating Temperature	-30° C. to +105° C.
Immersion, Mated and Unmated	1 meter water immersion for 1 Hour per MIL-STD-810 Method 512
Solvent Resistance, Polyamide Overmold	Excellent Resistance to Most Solvents, Fuels, and Oils; Poor Resistance to Strong Acids and Bipolar Solvents (Alcohol)
Electrical Resistance	(8 Milliohms Mated Contacts) + (Wire Resistance)
Shielding Effectiveness	50 dB minimum from 100MHz to 1000MHz.
Flammability and Toxicity (LSZH Jacket)	Toxicity Index 3.9 per NES 713 Oxygen Index 28% per ASTM D-2863 Smoke Index 24 per NES 711

Dimensions in inches (millimeters) and are subject to change without notice.