Series 800 "Mighty Mouse" with UN Mating Thread Overmolded Cordsets
800-033 and 800-034

Series 800 Overmolded Cordset

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

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

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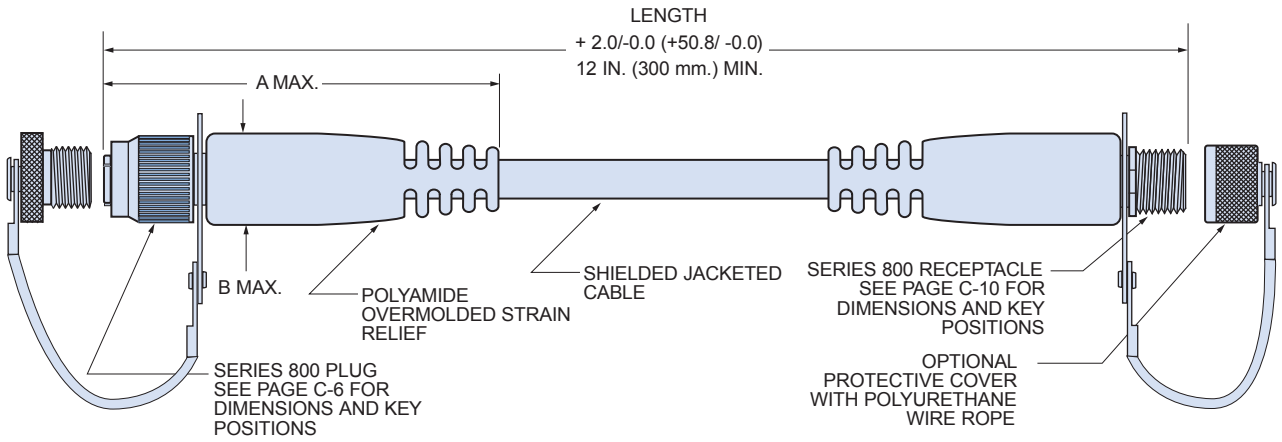
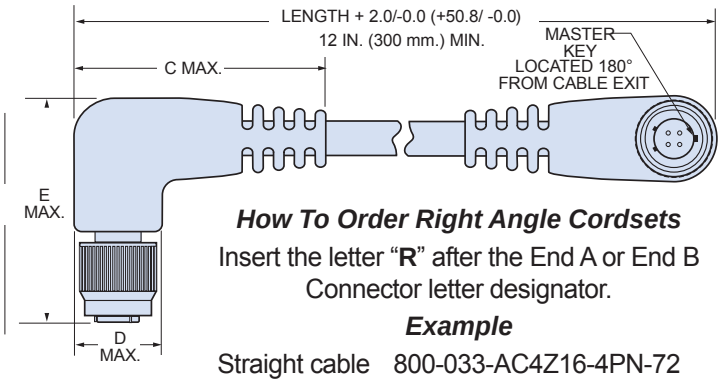


RIGHT ANGLE CORDSETS



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-A***R***C***R***4Z16-4PN-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
BAND-IT® 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.

CAGE Code 06324
Printed in U.S.A.