

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.

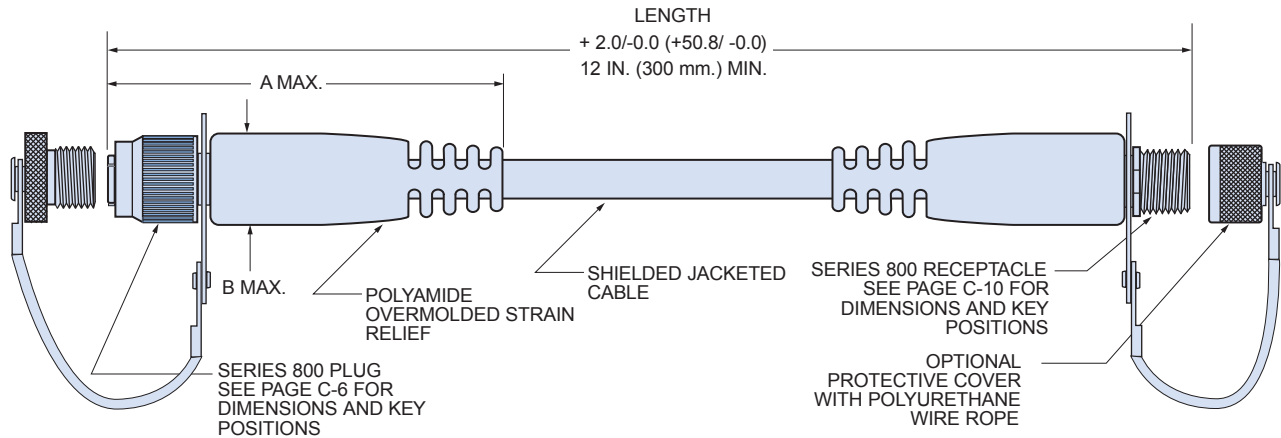
Simplified Ordering, No Minimums

Series 800 Overmolded Cordset

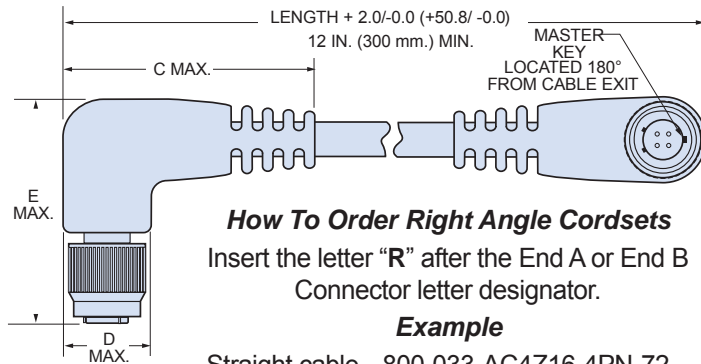
HOW TO ORDER SERIES 800 OVERMOLDED CORDSETS

| 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 | 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 | 12-2 12-3 12-7 12-37 12-200 12-201 | | | |
| | | | | | MT Aluminum / Nickel-PTFE RoHS Compliant | 12-2 12-3 12-7 12-37 12-200 12-201 | | | |
| | | | | | Z1 Stainless Steel / Passivated RoHS Compliant | 12-2 12-3 12-7 12-37 12-200 12-201 | | | |
| | | | | | | | | | |

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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 |
| 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.