

SERIES 811 HIGH-DENSITY DOUBLE-START Mighty Mouse Connectors and Cables

Harsh Environment Cordsets



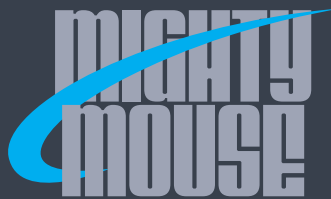
Harsh Environment Cordsets Overmolded Series 811 cordsets withstand abrasion and chemical exposure. Cable construction features silver coated stranded conductors with TFE insulation, tinned copper braid shield and extruded black polyurethane jacket. Choose single-ended pigtails or double-ended "back-to-back" cables. Semi-rigid polyamide overmold provides strain relief and environmental sealing.

- **Tough polyurethane jacket, low-smoke, zero halogen**
- **Water-resistant to 1 meter**
- **100% electrically tested**
- **Shielded with 90% minimum tinned copper braid**
- **Straight or right angle**
- **Easy to order, quick delivery**

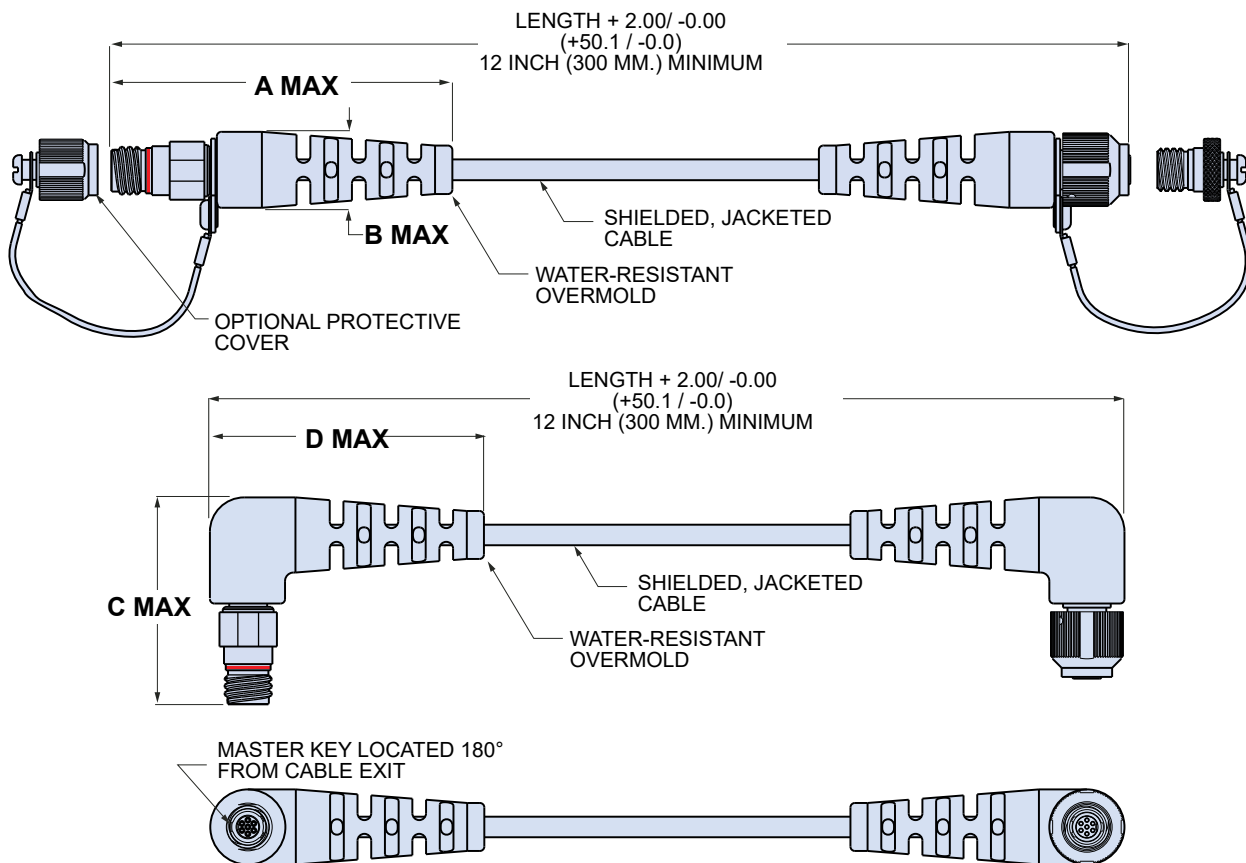
How To Order											
Sample Part Number	811-007	-A	S	C	S	6	MT	5-7	P	A	-60
Series	811-007 = Overmolded Cordset										
End "A" Connector	-A = Plug with Female Socket Contacts -B = Plug with Male Pin Contacts -C = Receptacle with Male Pin Contacts -D = Receptacle with Female Socket Contacts										
End "A" Configuration	S = Straight R = Right Angle										
End "B" Connector	A = Plug with Female Socket Contacts B = Plug with Male Pin Contacts C = Receptacle with Male Pin Contacts D = Receptacle with Female Socket Contacts N = No Connector (Single-Ended Pigtail)										
End "B" Configuration	S = Straight R = Right Angle (Omit For Single-Ended Pigtail)										
Wire Size	6 = #26 Awg										
Shell Finish	ME = Al/Electroless Nickel ZR* = Al/Zinc-Nickel with Black Chromate MT = Al/Nickel-PTFE ZNU* = Al/Zinc-Nickel with Black Chromate Z1 = SST/Passivated										
Layout (Shell Size-Cont.)	5-7, 6-12, 7-22, 8-30, 9-42										
Protective Cover	P = Metal Protective Covers Included N = No Protective Covers										
Key Postion	A = Normal Alternate Key Positions: B, C, D, E, F										
Length in Inches	Overall Length In Inches (12 Inch Minimum)										

* ZR and ZNU plating are RoHS compliant, non-reflective, capable of 500 hour dynamic corrosion performance.

SERIES 811 HIGH-DENSITY



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Dimensions								
Shell Size	A Max.		B Max.		C Max.		D Max.	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.
5	2.50	63.5	0.60	15.3	2.20	55.9	1.50	38.1
6	2.50	63.5	0.60	15.3	2.20	55.9	1.50	38.1
7	2.50	63.5	0.70	17.8	2.40	61.0	1.50	38.1
8	2.60	66.0	0.75	19.1	2.50	63.5	1.60	40.7
9	2.90	73.7	0.85	21.6	2.70	68.6	1.90	48.3

NOTES

Material and Finishes

- Cable Jacket Material: Thermoplastic Polyurethane, Black, Low-Smoke, Zero-Halogen
- Cable Shield: Tin-Coated Copper Braid, 90% Minimum Coverage
- Conductors: Silver Coated Stranded Wire, TFE Insulated, Per M22759/11
- Band-Master™ ATS Shield Termination Band: Stainless Steel
- Current Rating: 3 A.
- Test Voltage (Dielectric Withstanding Voltage): 600 VAC Sea Level
- Insulation Resistance: 200 megohms minimum
- Operating Temperature: -30° C. to +105° C.
- Solvent Resistance, Polyamide Overmold: Excellent Resistance to Most Solvents, Fuels, and Oils; Poor Resistance to Strong Acids and Bipolar Solvents (Alcohol)
- Shielding Effectiveness: 50 dB minimum from 100MHz to 1000MHz.