

# Series 811 Mighty Mouse High Density (HD) Harsh Environment Cordsets

811-007



Mighty Mouse  
High Density

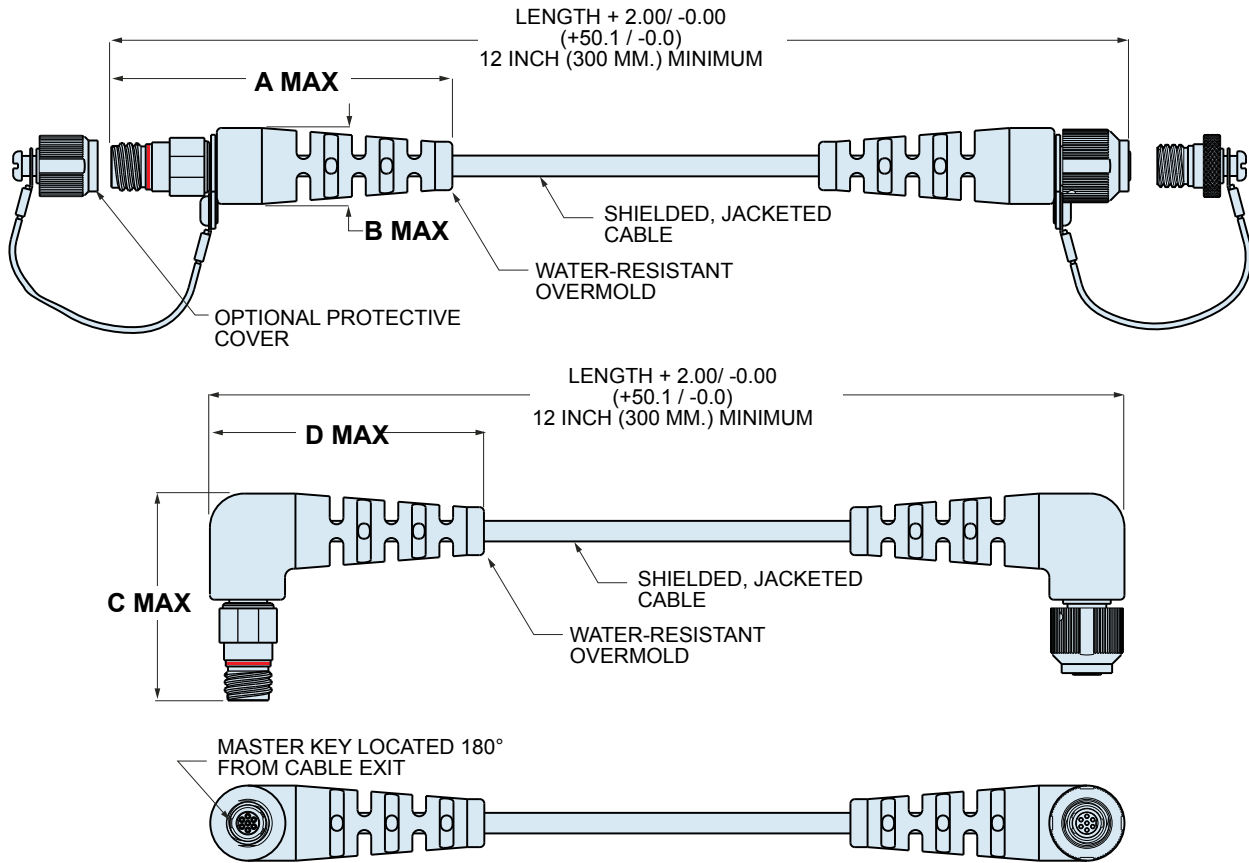


**Harsh Environment Cordsets** Overmolded Series 811 cordsets withstand abrasion and chemical exposure. Cable construction features silver coated stranded conductors with TFE insulation, tinned copper braid shield and extruded black polyurethane jacket. Choose single-ended pigtails or double-ended "back-to-back" 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	
<b>Sample Part Number</b>	811-007 -A S C S 6 MT 5-7 P A -60
<b>Series</b>	811-007 = Overmolded Cordset
<b>End "A" Connector</b>	-A = Plug with Female Socket Contacts -B = Plug with Male Pin Contacts -C = Receptacle with Male Pin Contacts -D = Receptacle with Female Socket Contacts
<b>End "A" Configuration</b>	S = Straight R = Right Angle
<b>End "B" Connector</b>	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)
<b>End "B" Configuration</b>	S = Straight R = Right Angle (Omit For Single-Ended Pigtail)
<b>Wire Size</b>	6 = #26 Awg
<b>Shell Finish</b>	ME = Aluminum/Electroless Nickel ZNU = Aluminum/Zinc-Nickel with Black Chromate MT = Aluminum/Nickel-PTFE Z1 = Stainless Steel/Passivated ZR = Aluminum/Black Zinc-Nickel
<b>Layout (Shell Size-Cont.)</b>	5-7, 6-12, 7-22, 8-30, 9-42
<b>Protective Cover</b>	P = Metal Protective Covers Included N = No Protective Covers
<b>Key Postion</b>	A = Normal Alternate Key Positions: B, C, D, E, F
<b>Length in Inches</b>	Overall Length In Inches (12 Inch Minimum)

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



Shell Size	Dimensions							
	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.

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