

Series 811 Mighty Mouse High Density (HD)  
Harsh Environment Cordsets  
811-007



## Harsh Environment Cordsets



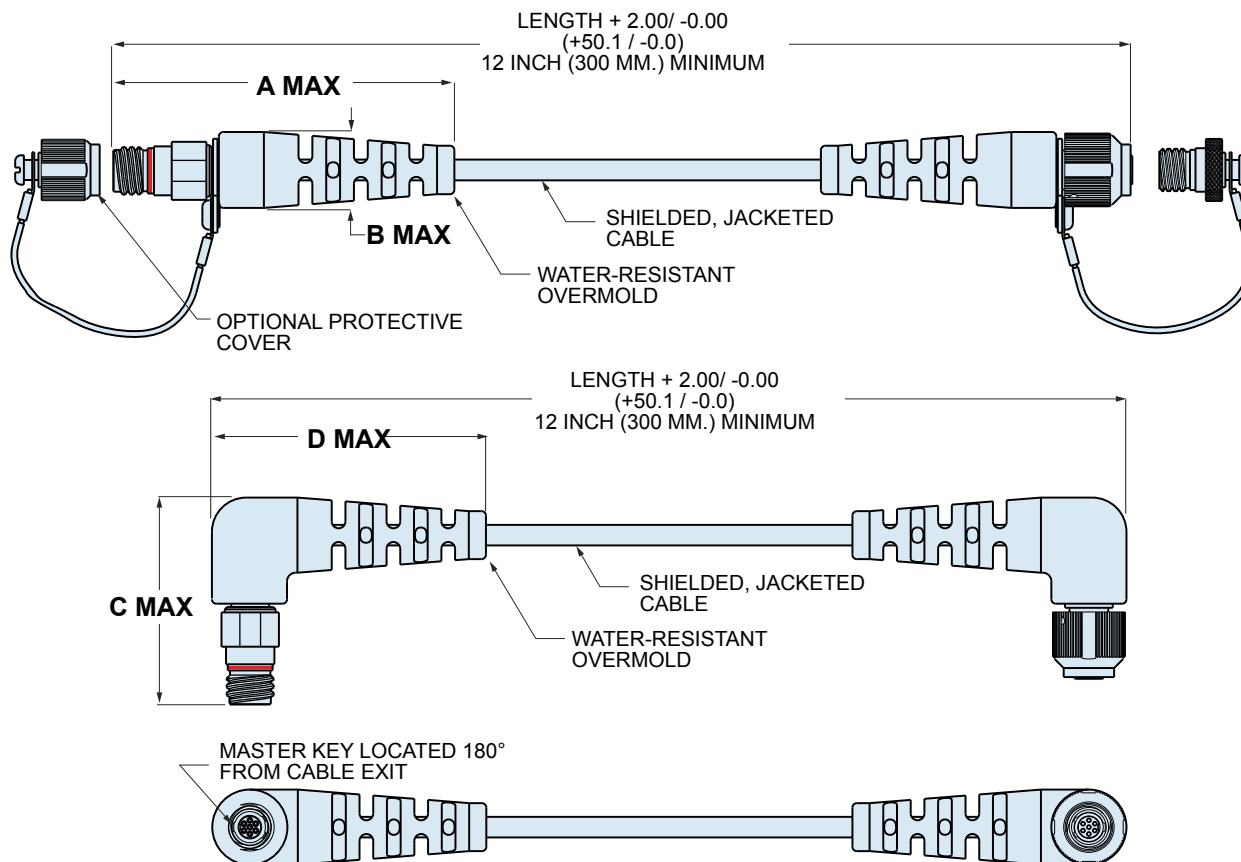
Overmolded Series 811 cordsets withstand abrasion and chemical exposure. Cable construction features silver coated stranded conductors with TFE insulation, tinned copper braid shield and extruded black polyurethane jacket. Choose single-ended pigtails or double-ended "back-to-back" cables. Semi-rigid 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 SERIES 811-007 CORDSETS

Sample Part Number										
811-007	-A	S	C	S	6	MT	5-7	P	A	-60
Series	End "A" Connector	End "A" Config.	End "B" Connector	End "B" Config.	Wire Size	Shell Finish	Layout	Protective Cover	Key Pos.	Length in Inches
811-007 Series 811 Overmolded Cordset	-A Plug with Female Socket Contacts	S Straight  R Right Angle	A Plug with Female Socket Contacts	S Straight  R Right Angle  <i>Omit for Single- ended Pigtail</i>	6 #26 AWG	ME Electroless Nickel	5-7 7 Contacts	P Metal Protective Covers Included	A Normal  Alternate Key Positions	Overall Length in Inches (12 Inch Minimum)
	-B Plug with Male Pin Contacts		B Plug with Male Pin Contacts			MT Nickel PTFE	6-12 12 Contacts	N No Protective Covers		
	-C Receptacle with Male Pin Contacts	C Receptacle with Male Pin Contacts	ZR Black Zinc Nickel	7-22 22 Contacts		B C D E F				
	-D Receptacle with Female Socket Contacts	D Receptacle with Female Socket Contacts  N No Connector (Single- Ended Pigtail)		8-30 30 Contacts  9-42 42 Contacts						

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



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

SERIES 811 CORDSET SPECIFICATIONS	
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
<b>BAND-IT®</b> 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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