

Series 804 ASAP Cordsets For Harsh Environments



**Series 804 Overmolded
ASAP Cordset**

Glenair's ASAP "Mighty Mouse" Overmolded Cordsets offer watertight sealing and excellent cold temperature flexibility. These cables are 100% tested and ready to use. Standard overmolded cables feature polyurethane jackets.

Two Jacket Types – Extruded Estane polyurethane jacket resists abrasion and chemicals. Or, choose low smoke/ zero halogen polyurethane jackets for compliance with toxicity regulations.

Shielded – These cables feature 90% coverage tinned copper braid. Cable shields are terminated directly to connectors with stainless steel **BAND-IT®** straps.

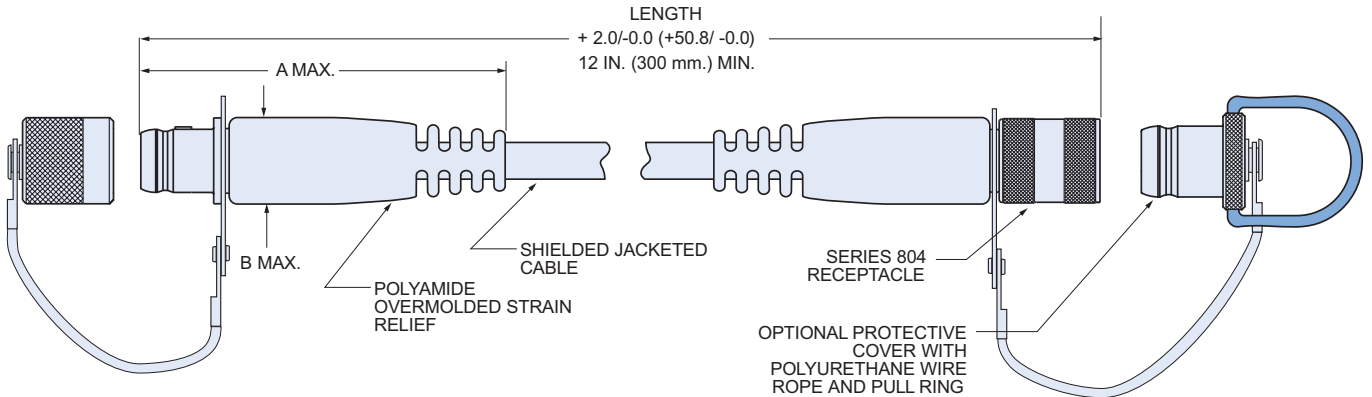
Simplified Ordering, No Minimums
ASAP cordsets are made-to-order from stocked connectors and cable. Choose #22 or #24 AWG cable with standard Estane jacket for best availability.

HOW TO ORDER

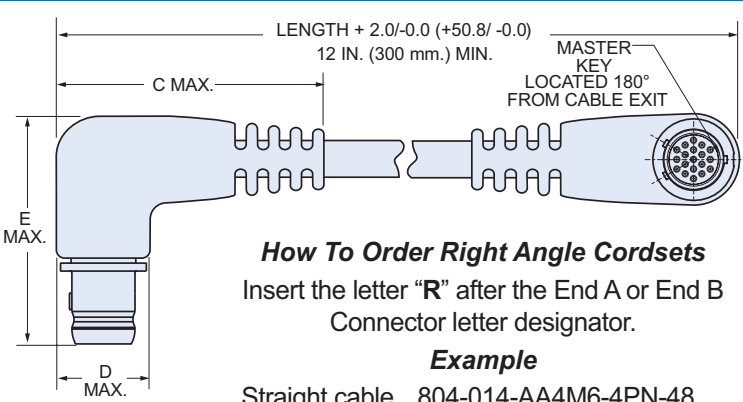
Sample Part Number

804-014	-C	N	2	ZNU	9-19	N	-48	
Series	End A Connector	End B Connector	Wire Size	Shell Material / Finish	Insert Arr.	Protective Cover	Shell Key Pos.	Length
804-014 Overmolded Cordset, Shielded, with Polyurethane Cable Jacket	-A Plug, with Male Pin Contacts	A Plug, with Male Pin Contacts	2 #22 AWG (Std.)	M Aluminum / Electroless Nickel	5-3 3 #23 6-1 1 #16 6-4 4 #23 6-7 7 #23 7-1 1 #12	P Metal Protective Covers Included	Omit for Single Master Key	Overall Length In Inches 12 Inch Min.
	-B Plug, with Female Socket Contacts	B Plug, with Female Socket Contacts	4 #24 AWG (Std.)	NF Aluminum / Cadmium with Olive Drab Chromate	7-10 10 #23 8-13 13 #23 9-4 4 #16 9-19 19 #23		N No Covers Supplied	
804-015 Overmolded Cordset, Shielded, with Low Smoke/ Zero Halogen Polyurethane Jacket	-C Receptacle, with Male Pin Contacts	C Receptacle, with Male Pin Contacts	6 #26 AWG	ZN Aluminum / Zinc- Nickel with Olive Drab Chromate	10-26 26 #23 12-2 2 #12 12-37 37 #23 14-55 55 #23 15-85 85 #23	N No Covers Supplied	B Pos. B	
	-D Receptacle, with Female Socket Contacts	D Receptacle, with Female Socket Contacts	8 #28 AWG		Z1 Stainless Steel / Passivated		C Pos. C	
							D Pos. D	
			N No Connector (Single- Ended)					

Series 804 "Mighty Mouse" Push-Pull Quick-Disconnect



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 804-014-AA4M6-4PN-48
- Right Angle 804-014-ARAR4M6-4PN-48

DIMENSIONS

Shell Size	A Max.		B Max.		C Max.		D Max.		E Max.	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
5	2.20	55.9	.44	11.2	1.500	38.10	.44	11.2	1.85	47.0
6	2.70	68.6	.49	12.4	1.500	38.10	.49	12.4	1.85	47.0
7	2.70	68.6	.57	14.5	1.700	43.18	.57	14.5	1.90	48.3
8	2.70	68.6	.60	15.2	1.750	44.45	.60	15.2	1.95	49.5
9	2.70	68.6	.67	17.0	1.750	44.45	.67	17.0	1.95	49.5
10	2.95	74.9	.74	18.8	1.750	44.45	.74	18.8	1.95	49.5
12	3.20	81.3	.86	21.8	1.750	44.45	.86	21.8	1.95	49.5
14	3.70	94.0	.98	24.9	1.750	44.50	.98	24.9	1.95	49.5
15	3.95	100.3	1.04	26.4	2.000	50.80	1.04	26.4	2.20	55.9

HARSH ENVIRONMENT CORDSET 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

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