

Series 804 Push-Pull Mighty Mouse Overmolded ASAP Cordset Ordering Information

804-015



Overmolded Cordset

Glenair's ASAP Mighty Mouse Overmolded Cordsets offer environmental protection and excellent cold temperature flexibility. These cables are 100% tested and ready to use. Standard overmolded cables feature low smoke zero halogen polyurethane jackets.

Tired of set-up charges and factory minimums? Glenair's Mighty Mouse ASAP cordsets have no minimum order quantity and no lot charges.

Abrasion-Resistant Polyurethane Jacket provides cold temperature flexibility and high strength. Low smoke/zero halogen material meets requirements for low toxicity.

90% Tinned Copper Braid is terminated directly to connector with stainless steel **BAND-IT®** strap.

Watertight Overmold provides strain relief and protection.

Series 804 Harsh Environment Shielded Cordsets

These overmolded cordsets withstand abrasion and chemical exposure. Low smoke zero halogen jacket reduces the amount of toxic and corrosive gasses emitted during combustion. Cable construction features silver coated stranded conductors with TFE insulation, tinned copper braid shield and extruded polyurethane jacket. Choose single-ended pigtails or double-ended "back-to-back" versions. Braid shield is attached directly to connector with **BAND-IT®** straps. Semi-rigid polyamide overmold provides strain relief and environmental sealing.

Series 801 cordsets are now available with size #20HD, #16 and #12 contacts. Ordering information is found on the following pages.

HARSH ENVIRONMENT 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
BAND-IT® Shield Termination Band	Stainless Steel
Current Rating	#23 5 Amps, #20HD 7.5 Amps, #16 13 Amps, #12 23 Amps
Test Voltage (Dielectric Withstanding Voltage)	#23 500 VAC, #20HD 750 VAC, #16 and #12 1800 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.
Cable jacket Flammability and Toxicity	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.



Series 804 Push-Pull Mighty Mouse Overmolded ASAP Cordset Ordering Information

804-015 and 804-022

SERIES 804 CORDSETS WITH SIZE #23 CONTACTS

Sample Part Number								
804-015	-A	C	2	M	7-10	P		-72
Series	End A Connector	End B Connector	Wire Size	Shell Material / Finish	Insert Arr.	Protective Cover	Shell Key Pos.	Length
804-015 Overmolded Cordset, Shielded, with Low Smoke/Zero Halogen Polyurethane Jacket, Size #23 Contacts	- A Plug, with Male Pin Contacts	A Plug, with Male Pin Contacts	2 #22 AWG	M Aluminum / Electroless Nickel	5-3	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	NF Aluminum / Cadmium with Olive Drab Chromate	6-4 6-6 6-7 7-10	N No Covers Supplied	A Pos. A (Normal)	
	- C Receptacle, with Male Pin Contacts	C Receptacle, with Male Pin Contacts		ZNU Aluminum / Zinc-Nickel with Black Chromate	8-13 9-19 10-26 12-37 14-55		B Pos. B	
	- D Receptacle, with Female Socket Contacts	D Receptacle, with Female Socket Contacts		MT Aluminum / Nickel-PTFE			C Pos. C	
		N No Connector (Single-Ended)		Z1 Stainless Steel / Passivated			D Pos. D	

SERIES 804 CORDSETS WITH SIZE #20HD CONTACTS

Sample Part Number								
804-022	-A	C	0	M	8-28	P		-72
Series	End A Connector	End B Connector	Wire Size	Shell Material / Finish	Insert Arr.	Protective Cover	Shell Key Pos.	Length
804-022 Overmolded Cordset, Shielded, with Low Smoke/Zero Halogen Polyurethane Jacket, Size #20HD Contacts	- A Plug, with Male Pin Contacts	A Plug, with Male Pin Contacts	0 #20 AWG	M Aluminum / Electroless Nickel	6-23	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	2 #22 AWG	NF Aluminum / Cadmium with Olive Drab Chromate	7-25 8-28 9-210	N No Covers Supplied	A Pos. A (Normal)	
	- C Receptacle, with Male Pin Contacts	C Receptacle, with Male Pin Contacts		ZNU Aluminum / Zinc-Nickel with Black Chromate	12-220 14-235		B Pos. B	
	- D Receptacle, with Female Socket Contacts	D Receptacle, with Female Socket Contacts		MT Aluminum / Nickel-PTFE			C Pos. C	
		N No Connector (Single-Ended)		Z1 Stainless Steel / Passivated			D Pos. D	

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**Series 804 Push-Pull Mighty Mouse
Overmolded ASAP Cordset Ordering Information**
804-018 and 804-019



Series 804

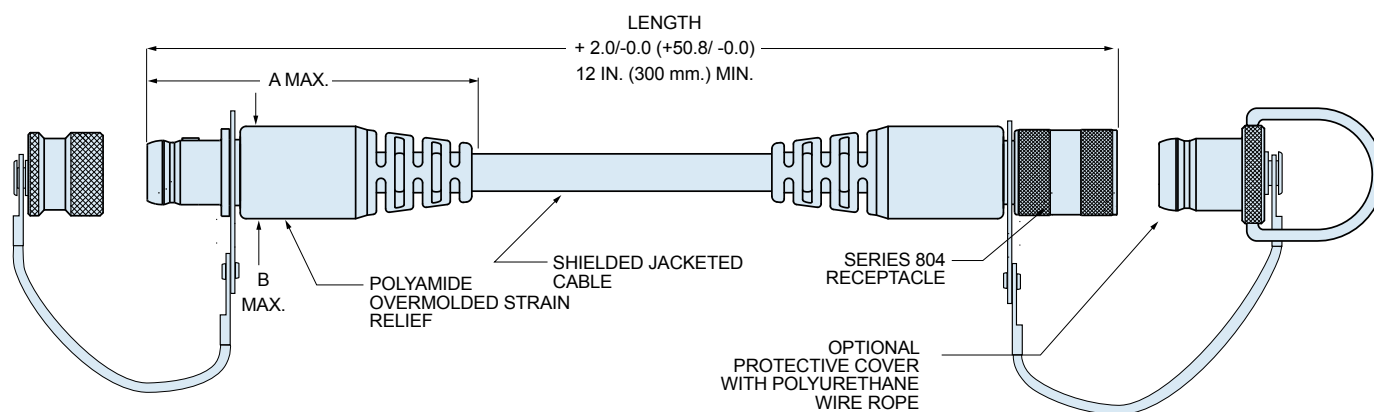
SERIES 804 CORDSETS WITH SIZE #16 CONTACTS								
Sample Part Number								
804-018	-A	C	6	M	9-4	P		-72
Series	End A Connector	End B Connector	Wire Size	Shell Material / Finish	Insert Arr.	Protective Cover	Shell Key Pos.	Length
804-018 Overmolded Cordset, Shielded, with Low Smoke/ Zero Halogen Polyurethane Jacket, Size #16 Contacts	-A Plug, with Male Pin Contacts	A Plug, with Male Pin Contacts	6 #16 AWG	M Aluminum / Electroless Nickel	6-1 8-2 9-4	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	8 #18 AWG	NF Aluminum / Cadmium with Olive Drab Chromate	10-5 12-7 14-12	N No Covers Supplied	A Pos. A (Normal)	
	-C Receptacle, with Male Pin Contacts	C Receptacle, with Male Pin Contacts		ZNU Aluminum / Zinc-Nickel with Black Chromate			B Pos. B	
	-D Receptacle, with Female Socket Contacts	D Receptacle, with Female Socket Contacts		MT Aluminum / Nickel-PTFE			C Pos. C	
		N No Connector (Single-Ended)		Z1 Stainless Steel / Passivated			D Pos. D	

SERIES 804 CORDSETS WITH SIZE #12 CONTACTS								
Sample Part Number								
804-019	-A	C	2	M	10-2	N		-72
Series	End A Connector	End B Connector	Wire Size	Shell Material / Finish	Insert Arr.	Protective Cover	Shell Key Pos.	Length
804-019 Overmolded Cordset, Shielded, with Low Smoke/ Zero Halogen Polyurethane Jacket, Size #12 Contacts	-A Plug, with Male Pin Contacts	A Plug, with Male Pin Contacts	2 #12 AWG	M Aluminum / Electroless Nickel	7-1 10-2 12-2	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 #14 AWG	NF Aluminum / Cadmium with Olive Drab Chromate	12-3 14-5	N No Covers Supplied	A Pos. A (Normal)	
	-C Receptacle, with Male Pin Contacts	C Receptacle, with Male Pin Contacts		ZNU Aluminum / Zinc-Nickel with Black Chromate			B Pos. B	
	-D Receptacle, with Female Socket Contacts	D Receptacle, with Female Socket Contacts		MT Aluminum / Nickel-PTFE			C Pos. C	
		N No Connector (Single-Ended)		Z1 Stainless Steel / Passivated			D Pos. D	

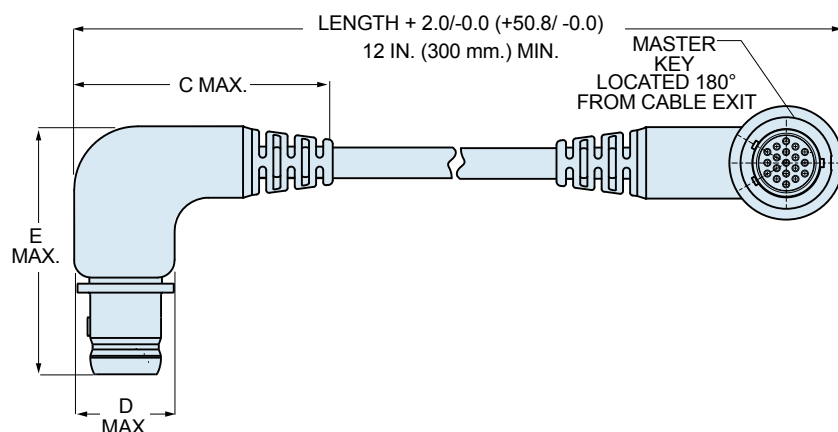
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Series 804 Push-Pull Mighty Mouse Overmolded ASAP Cordset Dimensions

804-015, 804-018, 804-019



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 804-015-AA4M6-4PN-48
Right Angle 804-015-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	2.3	55.9	0.6	15.2	1.5	38.1	0.6	15.2	2.0	48.3
6	2.3	55.9	0.6	15.2	1.5	38.1	0.6	15.2	2.0	48.3
7	2.4	55.9	0.7	17.8	1.5	38.1	0.7	17.8	2.2	53.3
8	2.5	58.4	0.8	19.0	1.6	40.6	0.8	19.1	2.3	55.9
9	2.7	66.0	0.9	21.6	1.9	48.3	0.9	21.6	2.6	61.0
10	2.7	66.0	0.9	21.6	1.9	48.3	0.9	21.6	2.6	61.0
12	3.1	73.7	1.1	27.9	2.2	55.9	1.1	27.9	3.0	73.7
14	3.4	81.3	1.3	33.0	2.5	63.5	1.3	33.0	3.5	83.8

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