



ASTRO INDUSTRIES, INC.

4403 Dayton-Xenia Road

Dayton, Ohio 45432

TEL: (800) 543-5810 or (937) 429-5900

MIL-W-16878/4

NEMA HP-3

TYPE E

CONDUCTOR:

Silver Plated Copper,
(Silver Plated High-
Strength Copper Alloy
also available)

INSULATION:

Extruded
Polytetrafluoroethylene
(PTFE) (.010" nom.
wall)

TEMP. RATING:

-65°C to 200° C

VOLTAGE RATING:

600 volts

M16878/4-HP3 EXTRUDED - SPC 200° C ASTRO PART NUMBER	CONDUCTOR					DIAMETER OVER INSULATION (inch)		WEIGHT (nom.) LBS/MFT	UL STYLE	M16878/4 NEMA-HP3 EX
	AWG	# OF STRANDS	STRAND		COND. DIAMETER (nom.)	MIN	MAX			
			SIZE AWG	DIAMETER						
WMB-04-3201-*	32	1	32	0.0080	0.0080	.025"	.033"	0.77		M16878/4 BAA-*
WMB-04-3207-*	32	7	40	0.0031	0.0090	.026"	.034"	0.79		M16878/4 BAB-*
WMB-04-3001-*	30	1	30	0.0100	0.0100	.026"	.034"	0.90	1213	M16878/4 BBA-*
WMB-04-3007-*	30	7	38	0.0040	0.0120	.028"	.036"	0.98	1213	M16878/4 BBB-*
WMB-04-3019-*	30	19	42	0.0025	0.0120	.028"	.036"	1.04	1213	M16878/4 BBE-*
WMB-04-2801-*	28	1	28	0.0126	0.0126	.029"	.037"	1.17	1213	M16878/4 BCA-*
WMB-04-2807-*	28	7	36	0.0050	0.0150	.031"	.039"	1.25	1213	M16878/4 BCB-*
WMB-04-2819-*	28	19	40	0.0031	0.0150	.031"	.039"	1.33	1213	M16878/4 BCE-*
WMB-04-2601-*	26	1	26	0.0159	0.0160	.032"	.040"	1.54	1213	M16878/4 BDA-*
WMB-04-2607-*	26	7	34	0.0063	0.0190	.035"	.043"	1.70	1213	M16878/4 BDB-*
WMB-04-2619-*	26	19	38	0.0040	0.0190	.035"	.043"	1.77	1213	M16878/4 BDE-*
WMB-04-2401-*	24	1	24	0.0201	0.0200	.036"	.044"	2.11	1213	M16878/4 BEA-*
WMB-04-2407-*	24	7	32	0.0080	0.0240	.040"	.048"	2.37	1213	M16878/4 BEB-*
WMB-04-2419-*	24	19	36	0.0050	0.0240	.040"	.048"	2.43	1213	M16878/4 BEE-*
WMB-04-2201-*	22	1	22	0.0253	0.0250	.041"	.049"	2.97	1213	M16878/4 BFA-*
WMB-04-2207-*	22	7	30	0.0100	0.0300	.046"	.054"	3.35	1213	M16878/4 BFB-*
WMB-04-2219-*	22	19	34	0.0063	0.0300	.046"	.054"	3.46	1213	M16878/4 BFE-*
WMB-04-2001-*	20	1	20	0.0320	0.0320	.048"	.056"	4.34	1213	M16878/4 BGA-*
WMB-04-2007-*	20	7	28	0.0126	0.0380	.054"	.062"	4.88	1213	M16878/4 BGB-*
WMB-04-2019-*	20	19	32	0.0080	0.0380	.054"	.062"	5.09	1213	M16878/4 BGE-*
WMB-04-1801-*	18	1	18	0.0403	0.0400	.056"	.066"	6.47		M16878/4 BHA-*
WMB-04-1807-*	18	7	26	0.0159	0.0470	.064"	.074"	7.39	1213	M16878/4 BHB-*
WMB-04-1819-*	18	19	30	0.0100	0.0470	.064"	.074"	7.68	1213	M16878/4 BHE-*
WMB-04-1601-*	16	1	16	0.0508	0.0510	.067"	.081"			M16878/4 BJA-*
WMB-04-1619-*	16	19	29	0.0113	0.0530	.073"	.087"	9.90	1213	M16878/4 BJE-*
WMB-04-1419-*	14	19	27	0.0142	0.0670	.088"	.102"	14.86	1213	M16878/4 BKE-*
WMB-04-1219-*	12	19	25	0.0179	0.0840	.107"	.121"	22.72	1213	M16878/4 BLE-*
WMB-04-1237-*	12	37	28	0.0126	0.0890	.105"	.119"			M16878/4 BLG-*
WMB-04-1037-*	10	37	26	0.0159	0.1080	.127"	.141"	35.23		M16878/4 BMG-*

Unprinted material – UL Tag only - If UL Tag required, please specify when ordering

*COLOR CODES: 0 = BLACK; 1 = BROWN; 2 = RED; 3 = ORANGE; 4 = YELLOW; 5 = GREEN; 6 = BLUE; 7 = VIOLET; 8 = GRAY; 9 = WHITE

*Spiral striped color coding as required.