



# MIL-W-16878/5

# NEMA HP-3

# TYPE EE

**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:**

1000 volts

M16878/5-HP3 EXTRUDED - SPC 200° C ASTRO PART NUMBER	CONDUCTOR					DIAMETER OVER INSULATION (inch)		WEIGHT (nom.) LBS/MFT	UL STYLE	M16878/5 NEMA-HP3 EX
	AWG	# OF STRANDS	STRAND		COND. DIAMETER (nom.)	MIN	MAX			
			SIZE AWG	DIAMETER						
WMB-05-3201-*	32	1	32	0.0080	0.0080	.034"	.042"	1180	M16878/5 BAA-*	
WMB-05-3207-*	32	7	40	0.0031	0.0100	.036"	.044"	1180	M16878/5 BAB-*	
WMB-05-3001-*	30	1	30	0.0100	0.0100	.036"	.044"	1180	M16878/5 BBA-*	
WMB-05-3007-*	30	7	38	0.0040	0.0120	.038"	.046"	1180	M16878/5 BBB-*	
WMB-05-3019-*	30	19	42	0.0025	0.0120	.038"	.046"	1180	M16878/5 BBE-*	
WMB-05-2801-*	28	1	28	0.0126	0.0126	.039"	.047"	1180	M16878/5 BCA-*	
WMB-05-2807-*	28	7	36	0.0050	0.0150	.041"	.049"	1180	M16878/5 BCB-*	
WMB-05-2819-*	28	19	40	0.0031	0.0150	.041"	.049"	1180	M16878/5 BCE-*	
WMB-05-2601-*	26	1	26	0.0159	0.0159	.042"	.050"	1180	M16878/5 BDA-*	
WMB-05-2607-*	26	7	34	0.0063	0.0190	.045"	.053"	1180	M16878/5 BDB-*	
WMB-05-2619-*	26	19	38	0.0040	0.0190	.045"	.053"	1180	M16878/5 BDE-*	
WMB-05-2401-*	24	1	24	0.0201	0.0201	.046"	.054"	1180	M16878/5 BEA-*	
WMB-05-2407-*	24	7	32	0.0080	0.0240	.050"	.058"	1180	M16878/5 BEB-*	
WMB-05-2419-*	24	19	36	0.0050	0.0240	.050"	.058"	1180	M16878/5 BEE-*	
WMB-05-2201-*	22	1	22	0.0253	0.0251	.051"	.059"	1180	M16878/5 BFA-*	
WMB-05-2207-*	22	7	30	0.0100	0.0300	.056"	.064"	1180	M16878/5 BFB-*	
WMB-05-2219-*	22	19	34	0.0063	0.0300	.056"	.064"	1180	M16878/5 BFE-*	
WMB-05-2001-*	20	1	20	0.0320	0.0320	.058"	.066"	1180	M16878/5 BGA-*	
WMB-05-2007-*	20	7	28	0.0126	0.0380	.064"	.072"	1180	M16878/5 BGB-*	
WMB-05-2019-*	20	19	32	0.0080	0.0380	.064"	.072"	1180	M16878/5 BGE-*	
WMB-05-1801-*	18	1	18	0.0403	0.0403	.066"	.076"	1180	M16878/5 BHA-*	
WMB-05-1807-*	18	7	26	0.0159	0.0480	.074"	.084"	1180	M16878/5 BHB-*	
WMB-05-1819-*	18	19	30	0.0100	0.0480	.074"	.084"	1180	M16878/5 BHE-*	
WMB-05-1601-*	16	1	16	0.0508	0.0508	.077"	.089"	1180	M16878/5 BJA-*	
WMB-05-1619-*	16	19	29	0.0113	0.0530	.083"	.095"	1180	M16878/5 BJE-*	
WMB-05-1419-*	14	19	27	0.0142	0.0670	.098"	.114"	1180	M16878/5 BKE-*	
WMB-05-1219-*	12	19	25	0.0179	0.0840	.117"	.133"	1180	M16878/5 BLE-*	
WMB-05-1237-*	12	37	28	0.0126	0.0890	.115"	.131"	1180	M16878/5 BLG-*	
WMB-05-1037-*	10	37	26	0.0159	0.1080	.137"	.153"	1180	M16878/5 BMG-*	
WMB-05-8133-*	8	133	29	0.0113	0.1080	.199"	.219"	1180	M16878/5 BNL-*	
WMB-05-6133-*	6	133	27	0.0142	0.2130	.253"	.273"	1180	M16878/5 BPL-*	

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.