



**ASTRO INDUSTRIES, INC.**

4403 Dayton-Xenia Road

Dayton, Ohio 45432

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

# MIL-W-16878/12

# NEMA HP-4

# TYPE KK

**CONDUCTOR:**

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

**INSULATION:**

Extruded Fluorinated Ethylene Propylene (FEP)

**TEMP. RATING:**

-65°C to 200° C

**VOLTAGE RATING:**

1000 volts

M16878/12-HP4 EXTRUDED - SPC 200° C ASTRO PART NUMBER	CONDUCTOR					DIAMETER OVER INSULATION (inch)		WEIGHT (nom.) LBS/MFT	M16878/12 NEMA-HP4 EX
	AWG	# OF STRANDS	STRAND		COND. DIAMETER (nom.)	MIN	MAX		
			SIZE AWG	DIAMETER					
WMB-12-3201-*	32	1	32	0.0080	0.0080	.033"	.041"	M16878/12 BAA-*	
WMB-12-3207-*	32	7	40	0.0031	0.0100	.035"	.043"	M16878/12 BAB-*	
WMB-12-3001-*	30	1	30	0.0100	0.0100	.036"	.044"	M16878/12 BBA-*	
WMB-12-3007-*	30	7	38	0.0040	0.0120	.038"	.046"	M16878/12 BBB-*	
WMB-12-2801-*	28	1	28	0.0126	0.0126	.039"	.047"	M16878/12 BCA-*	
WMB-12-2807-*	28	7	36	0.0050	0.0150	.041"	.049"	M16878/12 BCB-*	
WMB-12-2601-*	26	1	26	0.0159	0.0159	.042"	.050"	M16878/12 BDA-*	
WMB-12-2607-*	26	7	34	0.0063	0.0190	.045"	.053"	M16878/12 BDB-*	
WMB-12-2619-*	26	19	38	0.0040	0.0200	.045"	.053"	M16878/12 BDE-*	
WMB-12-2401-*	24	1	24	0.0201	0.0201	.046"	.054"	M16878/12 BEA-*	
WMB-12-2407-*	24	7	32	0.0080	0.0240	.050"	.058"	M16878/12 BEB-*	
WMB-12-2419-*	24	19	36	0.0050	0.0250	.050"	.058"	M16878/12 BEE-*	
WMB-12-2201-*	22	1	22	0.0253	0.0254	.051"	.060"	M16878/12 BFA-*	
WMB-12-2207-*	22	7	30	0.0100	0.0300	.056"	.064"	M16878/12 BFB-*	
WMB-12-2219-*	22	19	34	0.0063	0.0320	.056"	.064"	M16878/12 BFE-*	
WMB-12-2001-*	20	1	20	0.0320	0.0320	.058"	.066"	M16878/12 BGA-*	
WMB-12-2007-*	20	7	28	0.0126	0.0380	.064"	.072"	M16878/12 BGB-*	
WMB-12-2019-*	20	19	32	0.0080	0.0400	.064"	.072"	M16878/12 BGE-*	
WMB-12-1801-*	18	1	18	0.0403	0.0403	.066"	.077"	M16878/12 BHA-*	
WMB-12-1807-*	18	7	26	0.0159	0.0480	.074"	.084"	M16878/12 BHB-*	
WMB-12-1819-*	18	19	30	0.0100	0.0500	.074"	.084"	M16878/12 BHE-*	
WMB-12-1601-*	16	1	16	0.0508	0.0508	.077"	.089"	M16878/12 BJA-*	
WMB-12-1619-*	16	19	29	0.0113	0.0570	.083"	.095"	M16878/12 BJE-*	
WMB-12-1626-*	16	26	30	0.0100	0.0600	.086"	.098"	M16878/12 BJF-*	
WMB-12-1401-*	14	1	14	0.0641	0.0641	.090"	.106"	M16878/12 BKA-*	
WMB-12-1419-*	14	19	27	0.0142	0.0720	.098"	.114"	M16878/12 BKE-*	
WMB-12-1441-*	14	41	30	0.0100	0.0760	.102"	.118"	M16878/12 BKH-*	
WMB-12-1219-*	12	19	25	0.0179	0.0910	.117"	.133"	M16878/12 BLE-*	
WMB-12-1265-*	12	65	30	0.0100	0.0930	.119"	.135"	M16878/12 BLJ-*	
WMB-12-1037-*	10	37	26	0.0159	0.1110	.137"	.153"	M16878/12 BMG-*	
WMB-12-10105-*	10	105	30	0.0100	0.1200	.146"	.162"	M16878/12 BMK-*	
WMB-12-8133-*	8	133	29	0.0113	0.1690	.199"	.219"	M16878/12 BNL-*	
WMB-12-6133-*	6	133	27	0.0142	0.2130	.286"	.301"	M16878/12 BPL-*	
WMB-12-4133-*	4	133	25	0.0179	0.2690	.349"	.369"	M16878/12 BRL-*	
WMB-12-2665-*	2	665	30	0.0100	0.3150	.395"	.415"	M16878/12 BSP-*	
WMB-12-1817-*	1	817	30	0.0100	0.3850	.475"	.495"	M16878/12 BTR-*	
WMB-12-011045-*	0	1045	30	0.0100	0.4100	.504"	.524"	M16878/12 BUS-*	
WMB-12-021330-*	00	1330	30	0.0100	0.4550	.553"	.577"	M16878/12 BWT-*	
WMB-12-031672-*	000	1672	30	0.0100	0.5350	.633"	.657"	M16878/12 BYV-*	
WMB-12-042109-*	0000	2109	30	0.0100	0.5950	.703"	.727"	M16878/12 BZW-*	

\*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.