



# MIL-W-16878/23 Type NEMA HP-3-ET NPC, 250V, PTFE

## Description

MIL-W-16878/23 is a nickel plated, PTFE insulated, high-temperature wire. Having a thin wall construction gives MIL-W-16878/23 excellent flexibility and break strength.

## Approvals

MIL-W-16878/23  
SAE/NEMA HP-3 Type ET NPC.

## Construction

Nickel plated copper conductor.  
Insulation PTFE tape, wall thickness .006".

## Temperature Rating

-65°C to 260°C

## Voltage Rating

250 Volts

## Application

MIL-W-16878/23 is able to withstand high-temperature environments and is designed for aerospace or general purpose applications. With excellent break strength and flexibility, MIL-W-16878/23 is a strong choice for applications in difficult to reach locations.



Sycor Part No.	AWG	Stranding	Cond. Diam.	Finished Wire Dia. (in)		Mil-Spec. Designation
				Min	Max	
M16878/23-3207	32	7/40	0.010"	0.020"	0.024"	M16878/23BAB
M16878/23-3001	30	1/30	0.010"	0.020"	0.024"	M16878/23BBA
M16878/23-3007	30	7/38	0.012"	0.022"	0.026"	M16878/23BBB
M16878/23-2801	28	1/28	0.0126"	0.023"	0.027"	M16878/23BCA
M16878/23-2807	28	7/36	0.0150"	0.025"	0.029"	M16878/23BCB
M16878/23-2601	26	1/26	0.0159"	0.026"	0.030"	M16878/23BDA
M16878/23-2607	26	7/34	0.0190"	0.029"	0.033"	M16878/23BDB
M16878/23-2619	26	19/38	0.0200"	0.029"	0.033"	M16878/23BDE
M16878/23-2401	24	1/24	0.0201"	0.030"	0.034"	M16878/23BEA
M16878/23-2407	24	7/32	0.0240"	0.034"	0.038"	M16878/23BEB
M16878/23-2419	24	19/36	0.0250"	0.034"	0.038"	M16878/23BEE
M16878/23-2201	22	1/22	0.0254"	0.035"	0.040"	M16878/23BFA
M16878/23-2207	22	7/30	0.0300"	0.040"	0.044"	M16878/23BFB
M16878/23-2219	22	19/34	0.0320"	0.040"	0.044"	M16878/23BFE
M16878/23-2001	20	1/20	0.0320"	0.042"	0.046"	M16878/23BGA
M16878/23-2007	20	7/28	0.0380"	0.048"	0.052"	M16878/23BGB
M16878/23-2019	20	19/32	0.0400"	0.048"	0.052"	M16878/23BGE

Additional stranding and gauges available upon request. Please contact us to enquire.

## Colour

Stock colours 0-9. Striped combinations available upon request.

## Colour Codes



## Value Added Services



Sycor Technology Inc., 1-2220 Argentia Road, Mississauga ON L5N 2K7

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