

## PHILATRON DATA CENTER POWER CABLE

### Applications:

Data Centers, Flexible Building Wire (THW-2), Commercial, Data Centers, Airport Expansion, Power Generation, Switch Board Wire (MTW) Control Cabinets, & Industrial Installations for panel boards, switchboards, UPS systems, channels, ducts, wire ways, rated for indoor or outdoor cable trays, and raceways.

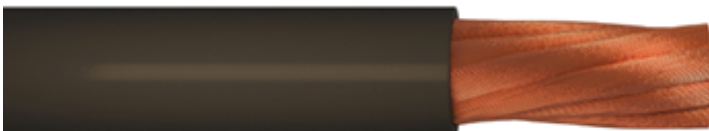
### Features:

- **ULTIMATE FLEXIBILITY** - For easier and faster installation that saves time and labor burdened by stiff cables and tight bends
- Sizes 8 AWG to 1000 MCM
- Sunlight Resistant
- Oil Resistant
- Abrasion Resistant
- For wet or dry locations
- Permitted for direct Burial
- RoHs Compliant
- Made in the USA
- UL Listing # E98586
- UL Listing #E205997
- UL Listing #E211444

### Construction:

- Soft annealed bare copper ASTM Class K - 30 AWG stranding for superior flexibility.
- Inners insulated with high dielectric strength +105C to -40C extra flexible PVC.

### ULTIMATE FLEXIBILITY



600 Volts – UL Types MTW, AWM, & THW-2

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To specify color add # to end of part number: Black-1, White-2, Red-3, Green-4, Orange-5, Blue-6, and Yellow-7.  
Example: To order 6 AWG Blue, the part number would be MTW6K-5.

Part Number	Size (AWG)	No. of Strands	Wall Thickness "	Diameter Inches	Ampacity Amps	Weight Lbs./MFT
MTW8K-#	8	168	.045	.254	80	79
MTW6K-#	6	266	.060	.325	105	126
MTW4K-#	4	420	.060	.392	140	190
MTW3K-#	3	476	.060	.412	165	212
MTW2K-#	2	665	.060	.455	190	287
MTW1K-#	1	836	.080	.537	220	373
MTW1/0-#	1/0	1064	.080	.611	260	463
MTW2/0-#	2/0	1323	.080	.638	300	565
MTW3/0-#	3/0	1672	.080	.676	350	695
MTW4/0-#	4/0	2107	.080	.787	405	869
MTW250-#	250 MCM	2499	.095	.872	455	1044
MTW300-#	300 MCM	2989	.095	.958	500	1237
MTW350-#	350 MCM	3458	.095	1.016	570	1426
MTW400-#	400 MCM	3990	.095	1.068	615	1636
MTW500-#	500 MCM	5054	.095	1.178	700	2043
MTW600-#	600 MCM	5985	.110	1.345	780	2439
MTW750-#	750 MCM	7581	.110	1.496	885	3088
MTW1000-#	1000 MCM	9975	.110	1.620	1055	3954

Ampacity for single conductor is based on Ambient Temperature of 30°C (86°F) per NEC Table 310.15(B)(17).  
Refer to NEC 310.15(B)(2) for the Ampacity correction factors where the ambient temperature is other than 30°C (86°F).  
All dimensions and weights are nominal and approximate.