



ELLIOTT ELECTRIC SUPPLY

We Deliver...Lower Cost, Quality Products, & Personal Service

3804 South Street
75964-7263, TX Nacogdoches
Phone: 936-569-7941
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MTW18STRD500 MTW 18 STR Red 500

Coleman Cable

Catalog Number	MTW18STRD500
Manufacturer	Coleman Cable
Description	Machine Tool Wire, Stranded, 16/30 MM Core Strands, #18 Awg Conductor Size, Copper Conductor Material, PVC Insulation Material, 10 A, Red, 500 FT Overall Length, 0.108 In Outside Diameter, 0.031 In Insulation Thickness, -20 °C (Dry) Operating Temperature, +105 °C (Dry) Operating Temperature, 9.4 LB/MFT
Weight per unit	0.0100 (lbs/ft)
Product Category	MTW-Awm-Tew-TFF Hook Up Wire

Features

Stranding	16/30 STRANDS
Voltage Rating	600 V (RMS), 1000 V (AWM 1032)

Material, Color, and Finish

Jacket Color	RED
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Dimensions and Weight

Length	500 FT
Outer Diameter	0.108 INCH

Descriptions

Additional Information	ROHS Compliant; Applicable Standard ASTM B174; Insulation Thickness 0.031 Inch; Application Machine Tool Wire, Appliance Wiring Material, Equipment Wire
Commodity Description	MTW AWM TEW TFF - 600V HOOK UP WIRE
Description	MTW 18 STR RED 500

Manufacturer Information

Brand	Cables & Cords
GTIN	00029892251123
Model	41101
UPC	029892251123

Taxonomies, Classifications, and Categories

Category Description	BUILDING WIRE
Type	UL MTW/AWM, CSA TEW/VW-1/AWM I A/B FT1

Packaging

Carton	500
Package	2000
Weight Per foot	0.01



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Uses, Certifications, and Standards

Approval

UL 758, UL 1063, UL, CSA (Canada and US), CSA C22.2, NFPA
70/79

Temperature Rating

-20 to 105 Deg C (Dry), 60 Deg C (Oil/Water)

Hook Up Wire Series

MTW 30 Gauge

Features: Soft-annealed class "K" copper stranding with high dielectric polyvinyl chloride insulation • UL, CSA, AWM approved • -25°C to 105°C • Designed for flexing applications



PART NUMBER	DESCRIPTION	STRANDING	NOMINAL WALL THICKNESS	AWM STYLE	NOMINAL OD	AMPACITY	WT/M'
41101	18 AWG MTW	16/30	.031	1015, 1032, 1230, 1345	.108	7	9
41102	16 AWG MTW	26/30	.031	1015, 1032, 1230, 1345	.120	10	13
41103	14 AWG MTW	41/30	.031	1015, 1032, 1230, 1345	.136	15	19
41104	12 AWG MTW	65/30	.031	1015, 1032, 1230, 1345	.155	20	29
41105	10 AWG MTW	104/30	.031	1015, 1032, 1230, 1345	.181	30	42

AMPACITIES BASED ON NFAP 79 TABLE 13-5(A) 75C.

Applications: Internal appliance wiring, recreational vehicles, fluorescent ballasts, wiring harnesses.

MTW 19 Strand

Features: Soft-annealed bare copper stranding with high dielectric polyvinyl chloride insulation • UL, CSA, AWM approved • -25°C to 105°C



PART NUMBER	DESCRIPTION	STRANDING	NOMINAL WALL THICKNESS	AWM STYLE	NOMINAL OD	AMPACITY	WT/M'
41173	14 AWG MTW	19/.0147	.031	1015, 1230, 1345	.132	15	19
41174	12 AWG MTW	19/.0185	.031	1015, 1230, 1345	.155	20	29
41145	10 AWG MTW	19/.0234	.031	1015, 1230, 1345	.179	30	42
41109	8 AWG MTW	19/.0295	.047	1028, 1231, 1344	.244	50	66
41110	6 AWG MTW	19/.0372	.063	1232, 1283, 1346	.314	65	112
41111	4 AWG MTW	19/.0469	.063	1232, 1283, 1346	.363	85	166
41112	2 AWG MTW	19/.0591	.063	1232, 1283, 1346	.424	115	251

AMPACITIES BASED ON NFAP 79 TABLE 13-5(A) 75C.

Applications: Internal appliance wiring, control panels, switchboards.

TFFN/TFN

Features: Soft-annealed solid or bare copper • Rated up to 600 volt • AWM style 1316 and 1408 • Rated gasoline and oil resistant



PART NUMBER	DESCRIPTION	STRANDING	NOMINAL WALL THICKNESS	NYLON	WT/M'
51011	18 AWG TFFN	16/30	.016	.005	8
51012	16 AWG TFFN	26/30	.016	.005	12
51791	18 AWG TFN	SOLID	.016	.005	8
51792	16 AWG TFN	SOLID	.016	.005	12

Applications: Luminaries, National Electric Code Article 402 uses.

