



Engineering Specifications:

Standards:

Underwriters Laboratories Standards
 UL-62, UL-66, UL-758 and UL-1063
 AWM Style 1310, 1312, 1316, 1318, 1321
 New York State DOS 16120-87222-1048



Construction:

Conductors:

Solid, uncoated copper conductors per ASTM-B3
 Stranded, uncoated copper conductors per ASTM-B174

Insulation:

Color-coded Polyvinyl Chloride (PVC), heat- and moisture-resistant, flame-retardant compound

Applications:

Type TFFN (stranded) or TFN (solid) conductors are primarily used as fixture wire as specified by the National Electrical Code (NEC) at temperatures not to exceed 90°C in dry locations. When used as type MTW, the conductor is suitable for use in dry locations at 90°C or not to exceed 60°C in wet locations or where exposed to oils or coolants. When used as type AWM, temperatures should not exceed 105°C in dry locations. Voltage rating for all applications is 600 volts.

Features:

Slick, Nylon outer jacket for easy pulling
 All sizes VW-1 rated and rated for gasoline- and oil-resistant II

Jacket:

A tough, polyamide, Nylon outer covering.

TFFN

Size (AWG)	Number of Strands	Insulation Thickness (inches)	Nylon Jacket Thickness (inches)	Allowable Ampacities*	Outside Diameter (inches)	Approx. Net Weight (lbs./1000 ft.)	Standard Packaging
18	16	.015	.004	6	.088	8	2000' carton (4x500), 2500' reels
16	26	.015	.004	8	.101	11	2000' carton (4x500), 2500' reels

TFN

Size (AWG)	Number of Strands	Insulation Thickness (inches)	Nylon Jacket Thickness (inches)	Allowable Ampacities*	Outside Diameter (inches)	Approx. Net Weight (lbs./1000 ft.)	Standard Packaging
18	Solid	.015	.004	6	.0783	8	2000' carton (4x500), 2500' reels
16	Solid	.015	.004	8	.0888	11	2000' carton (4x500), 2500' reels

*Allowable ampacity shown above is per the National Electrical Code. The above data is approximate and subject to normal manufacturing tolerances.

PRINT LEGEND:

CONDUCTOR SIZES 18 AWG THROUGH 16 AWG SOLID: E156878 (SIZE) AWG TYPE TFN OR AWM GASOLINE AND OIL-RESISTANT II VW-1 600 VOLTS (UL).
 CONDUCTOR SIZES 18 AWG THROUGH 16 AWG STRANDED: E156878 (SIZE) AWG TYPE MTW OR TFFN OR AWM GASOLINE RESISTANT II VW-1 600 VOLTS (UL).