



Cable TFFN

**600 Volt. Copper Conductor.
Thermoplastic Insulation/Nylon Sheath.
Heat, Moisture, Oil, and Gasoline Resistant.
Also Rated MTW.**



APPLICATIONS

- Cable type TFFN or MTW may be used as fixture wire, machine tool wiring.
- May be installed in conduit, duct, or other recognized raceways in wet or dry locations. Small diameter of the wire permits additional circuits or larger conductors without exceeding maximum fill limitations.
- When used as Type TFFN, conductor is suitable for use at temperatures not to exceed 90°C. When used as Type MTW, conductor is suitable for use in wet locations or when exposed to oil or coolant at temperatures not to exceed 60°C or dry locations at temperatures not to exceed 90°C.
- Voltage for all applications is 600 volts.

FEATURES

- Smooth outer jacket for easy pulling.
- May be used as:
 - Building Wire 90°C
 - Machine Tool Wire 90°C (Stranded Only)
 - Fluorescent Ballast
 - Hook-up 90°C

SPECIFICATIONS

- Cable Type TFFN or MTW meets or exceeds UL Standard 66.

CONSTRUCTION

- Cable type TFFN or MTW copper conductors are annealed (soft) copper stranding, insulated with a tough, heat and moisture resistant polyvinyl chloride (PVC), over which a nylon (polyamide) jacket is applied.

CONSTRUCTION	
Conductor:	-Stranded in k class annealed (soft) copper.
Insulation:	-Extruded layer of heat, moisture, and flame resistant PVC with an extrusion of high heat and light stabilized nylon.

- Available in black, white, red, blue, green, yellow, orange, brown, purple, gray, and pink. Some colors standard, some subject to economic order quantity.

Size AWG	No. Strands	PVC Insulation (mils)	Nylon Jacket (mils)	Nominal O.D. (mils)	Approx. Weight 1000'	Allowable Ampacities		Standard Package
						TFFN	MTW	
18	16	15	4	85	7	6	7	500' 2500'
16	26	15	4	99	11	8	10	500' 2500'
4 pcs. Spool 500' per carton. Ampacities according with National Electric Code, 2002 Edition								



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TFN

Size AWG	No. Strands	PVC Insulation (mils)	Nylon Jacket (mils)	Nominal O.D. (mils)	Approx. Weight 1000'	Allowable Ampacities	Standard Package
						TFN	
18	1	15	4	78	7	6	500' 2500'
18	7	15	4	82	7	6	500' 2500'
16	1	15	4	89	10	8	500' 2500'
16	7	15	4	94	11	8	500' 2500'
4 pcs. Spool 500' per carton. Ampacities according with National Electric Code, 2002 Edition							