

## MTW

90°C, 600 Volt, MTW, TFF, 105°C, 1000 Volt, AWM, 600 Volt TEW



### PRODUCT CONSTRUCTION:

**Conductor:** fully annealed stranded bare copper

**Insulation:** Premium-grade, color-coded PVC · Temperature range: MTW: -40°C to +90°C AWM: -40°C to +105°C TEW: -30°C to +105°C · Color code: See chart below

**Jacket Marking:** Print type: Inkjet · 18 and 16 AWG: PRYSMIAN CAROL® (SIZE) 600V E135243-8 MTW (UL) OR AWM 1015/1335 OR 1000V AWM 1032 VW1 -- CSA 600V TEW 105°C FTI ROHS · 14 through 8 AWG: PRYSMIAN CAROL® (SIZE) 600 V E135243-8 MTW (UL) OR AWM 1015/1336 OR 1000V AWM 1032 VW1 -- CSA 600V TEW 105°C FTI ROHS

**Applications:** Motor and transformer lead · External wiring of machinery

**Features:** Outstanding oil, flame and moisture resistance · Extra-flexible

**Industry Approvals:** UL Type MTW/AWM · CSA TEW · Passes VW-1 Vertical Flame Test · OSHA Acceptable · AWM Style 1015 – 18-8 AWG · AWM Style 1335 – 18-10 AWG · AWM Style 1336 – 8 AWG · AWM Style 1032 · RoHS Compliant

**Packaging:** 500' (152.4 m) spools 2500' (762 m) spools · Other put-ups available on special order

### APPLICATION PROPERTIES

Flame retardant	Yes	Resistant to UV	No
Halogen free	No	Outdoor installation	No
Low smoke	No	Underground installation	No
Oil resistant	No		

### STANDARDS AND APPROVALS



We reserve the right to do changes as a result of running product development and/or changes in standards

## ELECTRICAL PROPERTIES

Catalog Number	No. Of. Cond	AWG / Kcmil	Conductor strand count	Insulation thickness [in]	Insulation thickness [mm]	Nominal overall o.d.	Nominal outer diameter [mm]
76994	1	4	19/.0469	0.065	1.63	0.365	9.27
76954	1	6	19/.0372	0.064	1.63	0.315	8
76843	1	8	19/.0295	0.045	1.14	0.242	6.15
76832	1	10	19/.0234	0.031	0.79	0.176	4.47
76822	1	12	19/.0185	0.032	0.81	0.155	3.94
76812	1	14	19/.0147	0.032	0.81	0.136	3.45
76512	1	16	26/30	0.031	0.79	0.123	3.12
76502	1	18	16/30	0.031	0.79	0.11	2.79

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