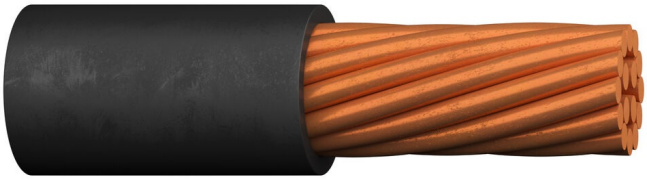
MTW

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 FT1 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 FT1 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

RoHS Compliant Directive EU 2015 / 863

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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