

UL Types MTW, TFF, AWM & CSA TEW

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

Product Construction:

Conductor:

- 18 through 8 AWG fully annealed stranded bare copper per ASTM B-8

Insulation:

- Premium-grade, color-coded PVC
- Temperature range:
MTW: -40°C to +90°C
TEW/AWM: -20°C to +105°C
- Color code: See chart below

Jacket Marking:

- 18 and 16 AWG:
CAROL (SIZE) 600V E# MTW (UL) OR
TFF OR AWM VW-1 --- CSA TEW 105°C
FT-1
- 14 through 8 AWG:
CAROL (SIZE) 600V E# MTW (UL) OR
AWM VW-1 --- CSA TEW 105°C FT-1



CATALOG NUMBER	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOMINAL O.D.		STOCK COLORS	APPROX. NET WEIGHT LBS/M ⁽⁹⁾
			INCHES	mm	INCHES	mm		
UL TYPE MTW, AWM, TFF, CSA TYPE TEW-600 VOLT								
76502	18	16/30	0.032	0.81	0.110	2.79	1-12	10
76512	16	26/30	0.032	0.81	0.123	3.12	1-12	14
76812	14	19/.0159	0.032	0.81	0.136	3.40	1-12	20
76822	12	19/.0185	0.032	0.81	0.155	3.91	1-7	28
76832	10	19/.0234	0.032	0.81	0.179	4.55	1-5	42
76843	8	19/.0295	0.047	1.19	0.242	6.15	1-5	72

⁽⁹⁾ Actual shipping weight may vary.

Applications:

- Motor and transformer lead
- External wiring of machinery
- Internal wiring of electrical and electronic equipment
- Internal wiring of panels and meters
- Point-to-point wiring

Features:

- Outstanding oil, flame and moisture resistance
- Extra flexible

Compliances:

- UL and NMTBA Type MTW/AWM
- CSA TEW
- RoHS Compliant Directive 2002/95/EC
- Passes VW-1 Vertical Flame Test
- AWM Style 1015 – 18-8 AWG
- AWM Style 1335 – 18-10 AWG
- AWM Style 1336 – 8 AWG

Packaging:

- Please contact Customer Service for packaging and color options

Color Code Chart

ORDERING SUFFIX	COLORS	ORDERING SUFFIX	COLORS
01	Black	04	Orange
02	White	08	Brown
03	Red	19	Purple
07	Blue	10	Gray
06	Green	13	Pink