

FlexLite TW

Thin-Wall Hookup Wire and Cable

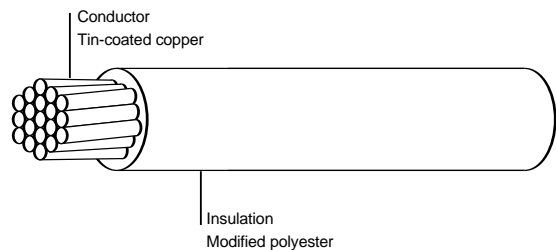
Product Facts

- UL rated operating temperature to 135°C [275°F]
- Thin-wall product for size and weight savings
- Tough insulation material
- Excellent chemical resistance
- Gauge sizes from 10-32 AWG
- No plasticizers or corrosive outgassing, which can be detrimental to sensitive electrical and electronic components



Applications

FlexLite TW (FLTW) wire is commonly used in applications that demand smaller, more rugged components, often in elevated temperatures. Designed to offer reduced size while maintaining superior mechanical performance, FLTW in many cases is a lower-cost solution than expensive fluoropolymer wire.



Available in:	Americas	Europe	Asia Pacific
	■	■	■

Specifications/Approvals

FlexLite TW (Continued)

Series	UL	CUR	CSA	Raychem
TW	Style 10208 Temperature rating 135°C [275°F]	Recognized	Certified AWMIA	WCD-3106

Construction Details

Part No.	Wire Size (AWG)	Conductor Stranding (No. x AWG)	Nominal Diameter mm [inch]	Finished Wire Maximum Resistance at 20°C (68°F) Ω/km [Ω /1000 ft]	Diameter			Nominal Weight in kg/km [lb/1000 ft]
					Minimum mm [inch]	Nominal mm [inch]	Maximum mm [inch]	
FLTWC0311-26-*	26	19 x 38	.470 [.0185]	132 [40.1]	.813 [.032]	.864 [.034]	.914 [.036]	1.93 [1.3]
FLTWC0311-24-*	24	19 x 36	.597 [.0235]	83.3 [25.4]	.965 [.038]	1.02 [.040]	1.07 [.042]	2.83 [1.9]
FLTWC0311-22-*	22	19 x 34	.749 [.0295]	52.2 [15.9]	1.14 [.045]	1.19 [.047]	1.24 [.049]	4.17 [2.8]
FLTWC0311-20-*	20	19 x 32	.953 [.0375]	32.0 [9.76]	1.35 [.053]	1.40 [.055]	1.45 [.057]	6.25 [4.2]
FLTWC0311-18-*	18	19 x 30	1.18 [.0465]	20.4 [6.22]	1.60 [.063]	1.65 [.065]	1.70 [.067]	9.52 [6.4]
FLTWC0311-16-*	16	19 x 29	1.33 [.0525]	15.8 [4.82]	1.75 [.069]	1.83 [.072]	1.91 [.075]	12.20 [8.2]
FLTWC0311-14-*	14	19 x 27	1.68 [.0660]	10.0 [3.05]	2.16 [.085]	2.26 [.089]	2.36 [.093]	18.90 [12.7]
FLTWD0311-12-*	12	37 x 28	2.16 [.0850]	6.59 [2.01]	2.64 [.104]	2.74 [.108]	2.84 [.112]	28.87 [19.4]

\* Replace asterisk with color code designator:

0 = Black    3 = Orange    6 = Blue    9 = White  
 1 = Brown    4 = Yellow    7 = Violet  
 2 = Red    5 = Green    8 = Gray

For example: FLTWC0311-22-9 = AWG 22, white.

For product requiring CUR (Canadian UL) or CSA marking in 14-10 AWG, 19 strand conductors only, the part numbering descriptions above DO NOT apply. Please contact Tyco Electronics for further information.