



FlexLite HT

High-temperature hookup wire



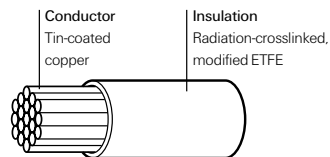
Applications

FlexLite HT (FLHT) is the product of choice for high-temperature applications. It offers shop-handling advantages over silicone/ fiberglass constructions (SF 1/SF2) and is cost-competitive with other fluoropolymer wire. Applications include halogen lights and small high-end appliances where space and temperature are issues.

Features and benefits

- UL rated operating temperature to 200°C.
- Exceptional chemical resistance.
- Thin-wall, for size and weight savings.
- Tough fluoropolymer insulation material.
- Excellent stripping and handling.
- Variety of constructions and colors.
- Crosslinked to minimize cold flow.
- VW-1 flammability rating.
- 600 V rating.

<i>Available in:</i>	Americas	Europe	Asia Pacific
	■	■	■



Fax-on-demand

US only (800) 260-9099

Outside US (650) 257-2301

Visit our website at www.tycoelectronics.com**Specifications/approvals**

Series	UL	CUL	CSA	Raychem
HT	Style 3557 Flammability VW-1 Temperature rating 200°C	Recognized	Certified AWMIA/B	WCD-3106

Construction details—dimensions in mm/in

Part number	Conductor			Finished wire				Nominal weight in kg/km (lb/1000 ft)
	Wire size (AWG)	Stranding (no. x AWG)	Diameter (target value)	Maximum resistance at 20 °C (Ω/1000 ft)	Diameter			
				Lower spec. limit	Target value	Upper spec. limit		
FLHTC0311-26*	26	19 x 38	.470 (.0185)	41.30	.765 (.0301)	.800 (.0315)	.836 (.0329)	1.89 (1.27)
FLHTC0311-24*	24	19 x 36	.597 (.0235)	25.4	.892 (.0351)	.927 (.0365)	.963 (.0379)	2.76 (1.85)
FLHTC0311-22*	22	19 x 34	.749 (.0295)	15.9	1.04 (.0411)	1.08 (.0425)	1.12 (.0439)	4.08 (2.74)
FLHTC0311-20*	20	19 x 32	.953 (.0375)	9.76	1.25 (.0491)	1.28 (.0505)	1.32 (.0519)	6.21 (4.17)
FLHTC0311-18*	18	19 x 30	1.18 (.0465)	6.22	1.48 (.0583)	1.52 (.0600)	1.57 (.0617)	9.45 (6.34)
FLHTC0311-16*	16	19 x 29	1.33 (.0525)	4.82	1.67 (.0656)	1.71 (.0675)	1.76 (.0694)	12.05 (8.09)
FLHTC0311-14*	14	19 x 27	1.68 (.0660)	3.05	2.03 (.0799)	2.08 (.0820)	2.14 (.0841)	18.60 (12.49)
FLHTD0311-12*	12	37 x 28	2.16 (.0850)	2.06	2.50 (.0984)	2.57 (.1010)	2.63 (.1036)	28.71 (19.29)

Part number	Conductor				Finished wire				
	Nominal CSA (mm ²)	Stranding No./Dia. (mm)	Diameter (mm)		Maximum resistance at 20°C (ohms/km)	Diameter (mm)			Nominal weight (kg/km)
			(min.)	(max.)		Lower spec. limit	Target value	Upper spec. limit	
FLHTC0311-0.25-*	0.25	19/0.127	0.55	0.63	84.3	0.96	1.00	1.03	2.95
FLHTC0311-0.35-*	0.35	19/0.15	0.74	0.76	56.1	1.12	1.16	1.19	4.22
FLHTC0311-0.50-*	0.50	19/0.19	0.86	0.88	40.1	1.24	1.27	1.31	5.59
FLHTC0311-0.75-*	0.75	19/0.23	1.05	1.08	24.7	1.43	1.47	1.51	7.95
FLHTC0311-1.00-*	1.00	19/0.25	1.17	1.26	20.0	1.58	1.62	1.66	9.85
FLHTC0311-1.50-*	1.50	19/0.32	1.35	1.58	13.7	1.82	1.87	1.92	15.69
FLHTC0311-2.00-*	2.00	19/0.36	1.66	1.79	9.7	2.05	2.10	2.16	18.67
FLHTC0311-2.50-	2.50	19/0.41	1.85	2.01	8.2	2.24	2.31	2.38	24.62

* Replace asterisk with color code designator:

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

For example: FLHTC0311-22-9 = AWG 22, white. FLHTC0311-0.50-9 = Size 0.50mm², white.

Users should independently evaluate the suitability of the product for their application.
Before ordering check with factory for most current data.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[FLHTC0311-24-9](#)