

ETFE Insulated material

Style UL1829 Wire

Description:

Conductor: Tinned/ Silver/ Nickel copper, Strands

Rated voltage 150 V

Rated temperature: 150°C

Flame resistance VW-1

RoHS Compliant

Specification:

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20°C (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Aver	Tol.
1829	10	37/0.42	3.54	2.94	0.51	0.46	3.96	±0.15
	12	37/0.374	5.64	2.62	0.51	0.46	3.64	±0.15
	14	19/0.361	8.96	1.81	0.51	0.46	2.83	±0.10
	16	19/0.287	14.60	1.44	0.51	0.46	2.46	±0.10
	18	19/0.235	23.20	1.18	0.51	0.46	2.20	±0.10
	20	19/0.19	36.70	0.95	0.51	0.46	1.97	±0.10
	22	19/0.15	59.40	0.75	0.51	0.46	1.77	±0.10
	24	7/0.20	94.20	0.60	0.51	0.46	1.62	±0.10
	26	7/0.16	150.00	0.48	0.51	0.46	1.50	±0.10
	28	7/0.127	239.00	0.38	0.51	0.46	1.40	±0.10
	30	1/0.254	361.00	0.254	0.51	0.46	1.27	±0.10

Order reference:

Colors available: 0-Black, 1-Brown, 2-Red, 3-Orange, 4-Yellow, 5-Green, 6-Blue, 7-Violet, 8-Grey, 9-White, 5/4 – Green W/ Yellow

Striping: Longitudinal and Parallel Stripes Available Per Request

Delivery: All Stocked Items Available for Immediate Shipment, 8 Week Lead Time for Non-stocked Items

Package: Stocked in Spools, Barrel Pack Available Per Request

Wire Processing: Cut, Strip, and Tinning Available



www.flexwires.com