

EcoWire specifications

Standard EcoWire

Materials

Conductors Stranded or solid tinned copper
Insulation Modified polyphenylene ether

Electrical

Voltage 600 volts

Physical and Mechanical

Temperature Range -40°C to +105°C

Availability

100 ft (30.5 m), 1000 ft (305 m), 5000 ft (1525 m),
and 25,000 ft (7625 m) lengths
14 AWG and smaller is also available in 5000 ft
Reel and 25,000 ft Drum

RoHS compliant
Reach compliant

Colors

White, Black, Red, Green, Yellow,
Blue, Brown, Orange, Slate, Violet,
Yellow/Green, Dark Blue



Part No.	Conductor Size		Stranding		Insulation Thickness		Wire Diameter	
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm
6710	28	0.07	7/36	7 x 0.12	0.010	0.24	0.034	0.86
6711	26	0.14	7/34	7 x 0.16	0.010	0.24	0.038	0.97
6712	24	0.22	7/32	7 x 0.20	0.010	0.24	0.043	1.09
6713	22	0.35	7/30	7 x 0.25	0.010	0.24	0.049	1.24
6714	20	0.51	10/30	10 x 0.25	0.010	0.24	0.055	1.40
6715	18	0.81	16/30	16 x 0.25	0.010	0.24	0.067	1.70
6715S	18	0.82	Solid	Solid	0.010	0.24	0.059	1.50
6716	16	1.32	26/30	26 x 0.25	0.011	0.28	0.081	2.06
6717	14	2.09	41/30	41 x 0.25	0.011	0.28	0.096	2.44
6717S	14	2.08	Solid	Solid	0.011	0.28	0.086	2.18
6718	12	3.31	65/30	65 x 0.25	0.012	0.30	0.117	2.97
6719	10	5.37	105/30	105 x 0.25	0.012	0.30	0.142	3.61

EcoWire Plus

Materials

Conductors Stranded bare copper
Insulation Modified polyphenylene ether

Electrical

Voltage 300 V
ISO 6722 Voltage 60 V

Physical and Mechanical

Temperature Range -40°C to +110°C

RoHS compliant
REACH compliant

Availability

100 ft (30.5 m) and 1000 ft (305 m) lengths

Colors

White, Black, Red, Green, Yellow, Blue,
Brown, Orange, Green/Yellow



Part No.	Conductor Size			Stranding		Insulation Thickness		Wire Diameter	
	AWG	mm ²	ISO mm Equiv.	AWG	mm	Inch	mm	Inch	mm
6820	28	0.09	-	7/36	7 x 0.12	0.008	0.20	0.031	0.79
6821	26	0.14	0.13	7/34	7 x 0.16	0.008	0.20	0.035	0.89
6822	24	0.23	0.22	7/32	7 x 0.20	0.008	0.20	0.040	1.02
6823	22	0.35	0.35	7/30	7 x 0.25	0.008	0.20	0.046	1.17
6824	20	0.56	0.5	7/28	7 x 0.32	0.008	0.20	0.054	1.37
6825	18	0.81	0.75	19/0.0092	19 x 0.23	0.008	0.20	0.062	1.57
6826	17	0.96	1	19/30	19 x 0.25	0.008	0.20	0.066	1.68
6827	16	1.23	-	19/29	19 x 0.29	0.010	0.24	0.077	1.96
6828	15	1.53	1.5	19/28	19 x 0.32	0.010	0.24	0.083	2.11
6829	14	1.94	2	19/27	19 x 0.36	0.012	0.30	0.095	2.41
6830	12	3.08	3	19/25	19 x 0.46	0.015	0.38	0.120	3.05
6831	10	4.92	5	19/23	19 x 0.57	0.017	0.43	0.147	3.73