

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) and 1000 ft (305 m) lengths

Approvals

CSA AWM I A/B
UL AWM Style 11028
RoHS compliant
REACH compliant
VW-1 UL 1581

Colors

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



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

Availability

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

Approvals

ISO 6722 Ultra Thin Wall
ISO 6722 Thin Wall
RoHS compliant
REACH compliant

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