

XLPVC INSULATED SINGLE CORE FLEXIBLE WIRE

UL1429 HOOK UP WIRE



CONDUCTOR

Tinned or Bare, Stranded or Solid copper, 30 AWG Min.

VOLTAGE RATING

150V

INSULATION

Color-Coded Lead Free/RoHS* PVC
 Passes UL VW-1 & CSA FT1 vertical flame test.
 Uniform insulation thickness of wire to ensure easy stripping and cutting.
 Resistant to acids, alkalis, oils, moisture and fungi.

TEMPERATURE RATING

80°C

STANDARDS

UL 758, 1581
 CSA C22.2 NO.210.2

INSULATION COLOR

Black; Other colors on request

APPLICATION

For general purpose internal wiring of electronic and electrical equipment.

Conductor Type	Conductor			Insulation		Max Resistance At 20°C	Min Insulation Resistance At 20°C	Dielectric Strength AC 1min	Standard Length
	Spec	No. of Strands / Diameter of Wire	Nominal Diameter	Nominal Thickness	Nominal Diameter				
	AWG	No./mm	mm	mm	mm				
Stranded	30	7/0.100	0.300	0.26	0.82	354.24	5	1300	2000 (610)
Stranded	28	7/0.127	0.380	0.26	0.90	223.75	5	1300	2000 (610)
Stranded	26	7/0.127	0.380	0.26	1.00	136.73	5	1300	2000 (610)
Stranded	24	11/0.160	0.610	0.26	1.13	93.30	5	1300	2000 (610)
Stranded	22	17/0.160	0.760	0.26	1.28	55.00	5	1300	2000 (610)
Stranded	20	26/0.160	0.940	0.30	1.54	34.60	5	1300	2000 (610)
Stranded	18	41/0.160	1.180	0.33	1.84	21.80	5	1300	2000 (610)
Stranded	16	26/0.254	1.490	0.35	2.19	13.70	5	1300	2000 (610)
Solid	26	1/0.404	0.404	0.26	0.92	142.79	5	1300	2000 (610)
Solid	24	1/0.511	0.511	0.26	1.03	89.39	5	1300	2000 (610)
Solid	22	1/0.643	0.643	0.26	1.17	54.30	5	1300	2000 (610)
Solid	20	1/0.813	0.813	0.30	1.41	33.90	5	1300	2000 (610)
Overall Tinned	26	7/0.160	0.480	0.26	1.00	139.73	5	1300	2000 (610)
Overall Tinned	24	7/0.203	0.610	0.26	1.13	86.00	5	1300	2000 (610)
Overall Tinned	22	7/0.254	0.760	0.26	1.28	54.80	5	1300	2000 (610)

RoHS DIRECTIVE RESULTS

Cd Content <5ppm, Pb Content <90ppm, Hg Content <100ppm, Cr6+ Content <100ppm, PBB & PBDE not detected