

PVC INSULATED SINGLE CORE FLEXIBLE WIRE

UL1569 HOOK UP WIRE



CONDUCTOR

Tinned Stranded Copper Conductor.

VOLTAGE RATING

300V

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

105°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, where not subjected to movement or mechanical damage.

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	0.43	1.16	354.24	15	1500	2000 (610)
Stranded	28	7/0.127	0.380	0.43	1.24	223.75	15	1500	2000 (610)
Stranded	26	7/0.160	0.480	0.43	1.34	136.73	15	1500	2000 (610)
Stranded	24	11/0.160	0.610	0.43	1.47	93.30	15	1500	2000 (610)
Stranded	22	17/0.160	0.760	0.43	1.62	55.00	15	1500	2000 (610)
Stranded	20	26/0.160	0.940	0.43	1.80	34.60	15	1500	2000 (610)
Stranded	18	41/0.160	1.180	0.43	2.04	21.80	15	1500	2000 (610)
Stranded	16	26/0.254	1.490	0.43	2.35	13.70	15	1500	2000 (610)
Stranded	14	41/0.254	1.880	0.45	2.78	8.62	15	1500	2000 (610)
Stranded	12	65/0.254	2.370	0.45	3.27	5.43	15	1500	1000 (305)
Stranded	10	105/0.254	3.400	0.48	4.36	3.41	15	1500	1000 (305)
Stranded	10	49/0.370	3.380	0.48	4.34	3.41	15	1500	1000 (305)

RoHS DIRECTIVE RESULTS

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