

LIYW UL 1015/CSA TEW

LIYW UL 1028/CSA TEW

LIYW UL 1569/CSA T1



PVC wire

according to UL 758 AWM / CSA C22.2

Rating

+105 °C UL

+105 °C CSA



Construction / Materials

Conductor

Soft-annealed electrolytic copper CU-ETP1, bare or tinned, according to DIN EN 13602, conductor construction according to UL/CSA

Insulation

PVC compound compliant with UL/CSA

Standards

Appliance Wiring Material UL 758 AWM (USA)

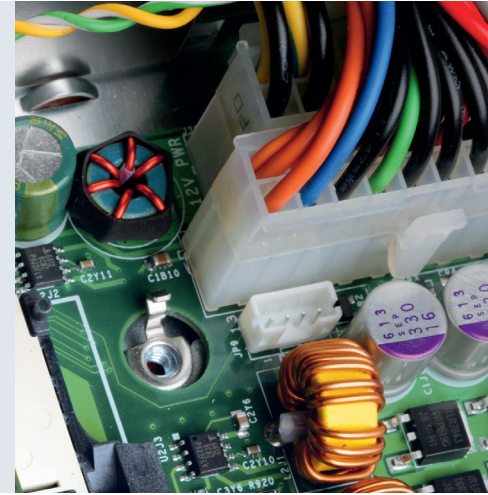
Radio Circuit Wire CSA C22.2 (Canada)

Authorization number

UL 47543/CSA LL 34123

nominal voltage max.

LIYW UL 1015/CSA TEW	600 V AC
LIYW UL 1028/CSA TEW	600 V AC
LIYW UL 1569/CSA T1	300 V AC



Nominal cross section		Conductor construction No. of wires × wire Ø		Diameter of conductor	Outer diameter	Electrical resistance at 20 °C plain max.	Weight
mm ²	AWG	mm ²	AWG	nom. mm	nom. mm	Ω/km	approx. kg/km
LIYW UL 1015/CSA TEW Minimum wall thickness 0.8 mm / 30 mils							
0.14	26	7×0.160	7/34	0.5	2.1	139.76	5.5
1.0 *	18	19×0.254	19/30	1.3	2.85	20.4	12
0.82	18	16×0.254	16/30	1.2	2.8	25.2	14
2.1	14	41×0.254	41/30	1.8	3.6	9.65	28
5.3	10	105×0.254	105/30	3.0	4.8	3.54	61
LIYW UL 1028/CSA TEW Minimum wall thickness 1.2 mm / 45 mils							
0.35	22	7×0.254	7/30	0.75	3.3	54.79	13
0.82	18	16×0.254	16/30	1.2	3.7	25.2	20
2.1	14	41×0.254	41/30	1.8	4.5	9.65	36
5.3	10	105×0.254	105/30	3.0	5.6	3.77	70
8.2	8	168×0.254	168/30	3.8	6.5	2.375	101
LIYW UL 1569/CSA T1 Minimum wall thickness 0.4 mm / 15 mils							
0.06	30	7×0.102	7/38	0.3	1.15	354.33	2
0.09	28	7×0.127	7/36	0.4	1.25	223.75	2.5
0.22 *	24	7×0.203	7/32	0.6	1.45	85.96	4
0.38 *	22	12×0.203	12/32	0.8	1.6	55.0	5.5
0.56 *	20	19×0.195	19/32	1.0	2.05	34.6	9
1.32 *	16	26×0.254	26/30	1.5	2.4	15.06	15
2.1	14	41×0.254	41/30	1.9	2.8	9.65	24
5.3	10	105×0.254	105/30	3.1	4.0	3.77	55

Additional cross sections and conductor constructions can be supplied upon request.

* Cables with UL and CSA approbation for IDC technology (SKT)

The marked cable types are suited for use in IDC (insulation displacement connection) for the common pitch 2.5 or 5 mm connector systems due to specially selected materials with an insulation material hardness of at least 90 Shore A and corresponding strand construction.