

SIS 600V, 1000V Single Conductor 90C, VW-1

Applications :

For use in switchboards, control panels, appliances, and power and control circuits in distribution systems; Oil resistant.

Conductors : 14 AWG to 2 AWG tinned copper

Insulation : Cross-linked Polyethylene (XLPE), Grey

Voltage Rating : 600V, 1000V (US only)

Temperature Rating : -40°C* to 90°C

Flame Rating : VW-1, FT1, FT2

Standards : CSA C22.2 No. 38, UL44, ASTM B33

Gauge AWG	Strand Count	Nominal Insulation Thickness		Nominal Diameter		Nominal Cable Weight	
		mm	in.	mm	in.	kgs/km	lbs/mft
14	41	0.762	0.03	3.45	0.136	28	19
12	65	0.762	0.03	3.96	0.156	41	27
10	104	0.762	0.03	4.60	0.181	61	41
8	165	1.143	0.045	6.17	0.243	101	68
6	266	1.143	0.045	7.82	0.308	159	107
4	413	1.143	0.045	9.17	0.361	236	158
2	665	1.143	0.045	11.02	0.434	365	246

* The -40°C low temperature rating indicates that the cables have passed a cold bend test under carefully controlled laboratory conditions. These conditions may or may not reflect actual field conditions. It is therefore recommended that all cables be warmed to at least -10°C before installation.

Notes:

Alternative conductor stranding and cable colours are available upon request.

All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice.