

IMSA Spec. 19-1 and 20-1

Signal Cable, Aerial and Duct, 600V

Specifications

Conductors	Solid bare copper (customer may specify otherwise)
Insulation	PE, 600V
Color Code	Per Table 5.1 (see page 1 in this section)
Conductor Configuration	Straight lay, <i>not</i> twisted pairs
Shield	None
Jacket	IMSA 19-1 PVC IMSA 20-1 PE



No. Conductors	Conductor Availability	Nominal Outside Dia. (in)	Approx. Cable Area (in)	Nominal Jacket Thickness (in)	Approximate Cable Weight (lbs/M-ft)
6 AWG					
2	Stranded	.480	.18	.045	205
8 AWG					
2	Solid/Stranded	.450	.16	.045	184
10 AWG					
2	Solid/Stranded	.430	.15	.040	120
12 AWG					
2	Solid/Stranded	.405	.13	.045	90
3	Solid/Stranded	.425	.14	.045	115
4	Stranded	.480	.16	.045	151
5	Solid/Stranded	.505	.20	.045	170
7	Solid/Stranded	.575	.26	.060	240
9	Solid/Stranded	.725	.41	.060	300
12	Solid/Stranded	.745	.44	.060	400
16	Solid/Stranded	.875	.60	.060	490
14 AWG					
2	Solid/Stranded	.345	.10	.045	70
3	Solid/Stranded	.365	.11	.045	85
4	Solid/Stranded	.395	.13	.045	100
5	Solid/Stranded	.425	.14	.045	120
7	Solid/Stranded	.465	.17	.045	160
9	Solid/Stranded	.615	.29	.060	200
10	Solid/Stranded	.615	.29	.060	230
12	Solid/Stranded	.635	.33	.060	270
15	Solid/Stranded	.685	.38	.060	310
16	Solid/Stranded	.715	.41	.060	330
19	-	.735	.44	.060	40
20	Solid/Stranded	.750	.44	.060	440
24	-	.885	.64	.080	500
25	Solid	.895	.64	.080	520
30	-	.935	.71	.080	650
37	-	1.045	.87	.080	680

Clifford of Vermont is the largest stocking distributor of IMSA cables in the U.S. Please call for price and availability. Non-stocked items are subject to factory lead times and manufacturer minimums.

See referenced pages in the *Hardware & Supplies* section:

Installation Hardware

- Messenger and Guy Strand - A-6

Suggested Prep Tools

- MK01A Outer Jacket Cable Stripper - I-11
- 100 Adjustable Wire Stripper/Cutter - I-8
- 103-S Adjustable Wire Stripper/Cutter - I-11
- MAXISTRIP® - I-11