

UL Style 3870 Appliance Wiring

125°C - 8000 volts AC- Horizontal Flame

Features

Conductors available in solid or stranded, tinned or copper
 Insulation: 125°C EPDM single layer construction
 RoHS and REACH Compliant

Compliances

Voltage Rating 8000 volts AC
 Horizontal Flame per UL 1581
 UL 758

Product Design Options

Custom strand constructions
 Custom diameter to meet design criteria
 Various colors for base and stripe combinations
 Packaging options: reels, drums, returnable containers

Applications

Internal wiring of appliances

AWG size	Number of Strands	Strand Size (ga)	Nom Cond OD (In)	Nom OD (In)	Min Wall (In)	Approx. Net Weight (lbs/mft)	Approx. Cu (lbs/mft)
20	10	30	0.037	0.262	0.090	33	3
18	16	30	0.048	0.273	0.090	37	5
16	26	30	0.061	0.288	0.090	43	8
14	41	30	0.076	0.303	0.090	51	13
12	65	30	0.092	0.326	0.090	63	20
10	105	30	0.115	0.353	0.090	82	32
8	133	29	0.162	0.403	0.090	113	53
6	266	30	0.200	0.441	0.090	150	82
4	420	30	0.255	0.496	0.090	213	133
2	665	30	0.305	0.555	0.090	300	205
1	836	30	0.355	0.602	0.090	363	258
1/0	1064	30	0.405	0.668	0.090	454	328
2/0	1330	30	0.447	0.702	0.090	539	409
3/0	1672	30	0.515	0.775	0.090	674	525
4/0	2109	30	0.562	0.826	0.090	825	663

Customer Service Group

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