



CONSTRUCTION

- Conductors: 30 AWG - 500 kcmil Solid or Stranded Copper
- Insulation: ETFE
- Cable Assembly: Single Conductor, Multiconductor, or Pairs
- Shield: Available Upon Request
- Jacket: LSZH Polyolefin

LISTINGS & STANDARDS

- NEMA HP100, High Temperature Instrument and Control Cable
- NEMA HP100.2, High Temperature Instrument and Control Cable Insulated and Jacket with ETFE Fluoropolymers
- Non-Flame Propagating, IEC 60332-1, IEC 60332-3C, VW1
- RoHS Compliant

SINGLE CONDUCTOR PRODUCT MATRIX

Part Number	Size (AWG/kcmil)	Strand	Type	Diameter (inch)	Wall (inch)	Nominal OD (inch)	Voltage Rating*
49000	24	19/36	UNI	0.0236	0.010	0.0436	150
49001	22	19/34	UNI	0.0296	0.010	0.0496	150
49002	22	7/30	CON	0.0309	0.010	0.0509	150
49003	20	19/32	UNI	0.0378	0.010	0.0578	150
49004	18	19/30	UNI	0.0467	0.010	0.0667	150
49005	16	19/.0117	UNI	0.0530	0.010	0.0730	150
49006	30	1	Solid	0.0103	0.006	0.0223	300
49007	28	1	Solid	0.0130	0.006	0.0250	300
49008	26	1	Solid	0.0164	0.006	0.0284	300
49009	24	1	Solid	0.0207	0.006	0.0327	300
49010	22	1	Solid	0.0261	0.006	0.0381	300
49011	20	1	Solid	0.0329	0.006	0.0449	300
49012	24	19/36	UNI	0.0236	0.012	0.0476	300
49013	22	19/34	UNI	0.0296	0.012	0.0536	300
49014	22	7/30	CON	0.0309	0.012	0.0549	300
49015	20	19/32	UNI	0.0380	0.012	0.0620	300
49016	18	19/30	UNI	0.0467	0.012	0.0707	300
49017	16	19/.0117	UNI	0.0530	0.012	0.0770	300
49018	14	19/.0147	UNI	0.0662	0.012	0.0902	300
49019	14	37/30	CON	0.0710	0.012	0.0950	300
49020	24	19/36	UNI	0.0236	0.0150	0.0536	600
49021	22	19/34	UNI	0.0296	0.0150	0.0596	600
49022	22	7/30	CON	0.0309	0.0150	0.0609	600
49023	20	19/32	UNI	0.0380	0.0155	0.0690	600
49024	18	19/30	UNI	0.0480	0.0150	0.0780	600
49025	16	19/.0117	UNI	0.0550	0.0160	0.0870	600
49026	14	19/.0147	UNI	0.0690	0.0160	0.1010	600
49027	14	37/30	CON	0.0710	0.0150	0.1010	600
49028	12	37/.0133	CON	0.0910	0.0160	0.1230	600
49029	10	37/.0167	CON	0.1130	0.0200	0.1530	600
49030	9	37/.0190	CON	0.1290	0.0170	0.1630	600
49031	9	19 x 7/.010	UNI/ROPE	0.1480	0.0170	0.1820	600
49032	8	19 x 7/29	UNI/ROPE	0.1620	0.0170	0.1960	600
49033	6	19 x 7/27	UNI/ROPE	0.2030	0.0210	0.2450	600
49034	4	19 x 7/25	UNI/ROPE	0.2600	0.0240	0.3080	600
49035	2	19 x 35/30	CON/ROPE	0.3310	0.0260	0.3830	600
49036	1	19 x 43/30	CON/ROPE	0.3600	0.0280	0.4160	600
49037	1/0	19 x 55/30	CON/ROPE	0.4180	0.0300	0.4780	600
49038	2/0	19 x 70/30	CON/ROPE	0.4640	0.0390	0.5420	600
49039	3/0	37 x 45/30	CON/ROPE	0.5310	0.0500	0.6310	600
49040	4/0	37 x 57/30	CON/ROPE	0.5980	0.0500	0.6980	600
49041	500	7 x 19 x 38/30	BUN/ROPE	0.9880	0.0500	1.0880	600

*Constructions rated for 1KV and 2KV are also available.

MULTIPAIR & MULTICONDUCTOR PRODUCT MATRIX*

Part Number	Number of Pairs/Conductors	Size (AWG/kcmil)	Strand	Type	Diameter (inch)	Wall (inch)	Nominal OD (inch)	Voltage Rating
49042	1 Pair	24	19/36	UNI	0.0236	0.015	0.0536	600
49043	1 Pair	22	19/34	UNI	0.0296	0.015	0.0596	600
49044	1 Pair	22	7/30	CON	0.0309	0.015	0.0609	600
49045	1 Pair	20	19/32	UNI	0.0378	0.015	0.0678	600
49046	1 Pair	18	19/30	UNI	0.0467	0.015	0.0767	600
49047	1 Pair	16	19/.0117	UNI	0.0550	0.017	0.0880	600
49048	1 Pair	14	19/.0147	UNI	0.0700	0.016	0.1010	600
49049	1 Pair	14	37/30	CON	0.0710	0.015	0.1010	600
49050	1 Pair	12	37/.0133	CON	0.0910	0.016	0.1230	600
49051	1 Pair	10	37/.0167	CON	0.1130	0.020	0.1530	600
49052	1 Pair	9	37/.0190	CON	0.1290	0.017	0.1630	600
49053	1 Pair	9	19 x 7/.010	UNI/ROPE	0.1480	0.017	0.1820	600
49054	1 Pair	8	19 x 7/29	UNI/ROPE	0.1620	0.017	0.1960	600
49055	1 Pair	6	19 x 7/27	UNI/ROPE	0.2030	0.020	0.2430	600
49056	1 Pair	4	19 x 7/25	UNI/ROPE	0.2600	0.024	0.3080	600
49057	1 Pair	2	19 x 35/30	CON/ROPE	0.3310	0.026	0.3830	600
49058	1 Pair	1	19 x 43/30	CON/ROPE	0.3600	0.028	0.4160	600
49059	1 Pair	1/0	19 x 55/30	CON/ROPE	0.4180	0.030	0.4780	600
49060	1 Pair	2/0	19 x 70/30	CON/ROPE	0.4640	0.039	0.5420	600
49061	1 Pair	3/0	37 x 45/30	CON/ROPE	0.5310	0.050	0.6310	600
49062	1 Pair	4/0	37 x 57/30	CON/ROPE	0.5980	0.050	0.6980	600
49063	1 Pair	500	7 x 19 x 38/30	BUN/ROPE	0.9880	0.050	1.0880	600
49064	3 Cond.	12	37/.0133	CON	0.0872	0.015	0.29	600