

InfiniFLEX™ High-Voltage Cables

INFINIFLEX AEROSPACE (1000 V)

Our InfiniFLEX Aerospace cables feature weight-optimized flexible copper strand cable meets the requirements of AS29606 and is designed to terminate with MIL-SPEC contacts and terminal lugs. Compared to other InfiniFLEX variants, InfiniFLEX Aerospace cables offer greater rigidity, reducing chafing in high-vibration environments. This increased rigidity also reduces the number of cable clamps required for support, resulting in additional weight savings.

InfiniFLEX Aerospace PNs	AWG	Const.	Conductor OD (in.)	Conductor Weight (lbs/1000 ft)	Resistance @ 20 °C (Ω/1000 ft)	WALL	Cable OD (in.)			Wire Weight (lbs/1000 ft)
			Nom	Nom	Max	Nom	Min	Nom	Max	Nom
SIL-0010-200-20N	20	19/32	0.0374	4	9.730	0.028	0.091	0.093	0.095	6
SIL-0010-200-18N	18	19/30	0.0465	6	6.100	0.028	0.101	0.103	0.105	9
SIL-0010-200-16N	16	19/29	0.0525	7	4.760	0.028	0.106	0.109	0.112	11
SIL-0010-200-14N	14	19/27	0.0658	11	2.970	0.028	0.119	0.122	0.125	15
SIL-0010-200-12N	12	37/28	0.0847	18	1.970	0.028	0.138	0.141	0.144	23
SIL-0010-200-10N	10	37/26	0.1070	28	1.240	0.028	0.162	0.163	0.164	34
SIL-0010-200-8N	8	19 x 7/29	0.160	52	0.688	0.028	0.214	0.216	0.219	60
SIL-0010-200-6N	6	19 x 7/27	0.203	82	0.436	0.028	0.255	0.259	0.261	92
SIL-0010-200-4N	4	19 x 7/25	0.258	133	0.274	0.028	0.310	0.314	0.317	146
SIL-0010-200-2N	2	19 x 35/30	0.330	211	0.177	0.028	0.381	0.386	0.390	227
SIL-0010-200-1N	1	19 x 43/30	0.365	258	0.139	0.028	0.416	0.421	0.427	276
SIL-0010-200-1/0N	1/0	19 x 55/30	0.415	332	0.113	0.028	0.463	0.471	0.476	352
SIL-0010-200-2/0N	2/0	19 x 70/30	0.467	420	0.089	0.028	0.515	0.523	0.529	442
SIL-0010-200-3/0N	3/0	37 x 45/30	0.523	529	0.071	0.028	0.572	0.579	0.587	554
SIL-0010-200-4/0N	4/0	37 x 57/30	0.585	670	0.056	0.028	0.636	0.641	0.653	698