

InfiniFLEX™ High-Voltage Cables

INFINIFLEX FEEDERS (2000 V)

Amphenol CIT's 2000 V InfiniFLEX cables can be terminated with MIL-SPEC contacts and terminal lugs, as well as industry-standard flex lugs from Burndy, ABB (Thomas & Betts), and Panduit. Their exceptional flexibility improves routability, helping reduce installation time, while their 200 °C temperature rating ensures reliable performance in demanding environments. The cable's advanced strand design also allows installers to strip the insulation cleanly without conductor strands splaying, making terminations faster, easier, and more reliable.

InfiniFLEX Feeders (2000 V) 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		Min	Nom	Max	Nom
SIL-0020-200-20N	20	19/32	0.0374	4	9.730	0.032	0.099	0.101	0.103	7
SIL-0020-200-18N	18	19/30	0.0465	6	6.100	0.032	0.109	0.111	0.113	10
SIL-0020-200-16N	16	19/29	0.0525	7	4.760	0.032	0.114	0.117	0.120	11
SIL-0020-200-14N	14	19/27	0.0658	11	2.970	0.032	0.127	0.130	0.133	16
SIL-0020-200-12N	12	37/28	0.0847	18	1.970	0.032	0.146	0.149	0.152	24
SIL-0020-200-10N	10	37/26	0.1070	28	1.240	0.032	0.168	0.171	0.174	35
SIL-0020-200-8N-FLX	8	19x 22/34	0.164	52	0.770	0.032	0.224	0.228	0.232	62
SIL-0020-200-6N-FLX	6	19x35/34	0.203	79	0.500	0.032	0.262	0.267	0.272	91
SIL-0020-200-4N-FLX	4	19x55/34	0.259	129	0.308	0.032	0.317	0.323	0.329	144
SIL-0020-200-2N-FLX	2	19x55/32	0.327	205	0.188	0.032	0.385	0.391	0.397	224
SIL-0020-200-1N-FLX	1	19x70/32	0.369	261	0.147	0.032	0.426	0.433	0.440	282
SIL-0020-200-1/0N-FLX	1/0	37x45/32	0.414	327	0.118	0.032	0.470	0.478	0.486	350
SIL-0020-200-2/0N-FLX	2/0	37x57/32	0.466	414	0.093	0.032	0.521	0.530	0.538	439
SIL-0020-200-3/0N-FLX	3/0	19x7x20/32	0.545	505	0.075	0.032	0.599	0.609	0.620	535
SIL-0020-200-4/0N-FLX	4/0	19x7x25/32	0.609	631	0.060	0.032	0.662	0.673	0.685	664
SIL-0020-200-8N-UFLX	8	19x35/36	0.165	55	0.700	0.032	0.221	0.229	0.237	65
SIL-0020-200-6N-UFLX	6	19x55/36	0.200	79	0.480	0.032	0.256	0.264	0.272	91
SIL-0020-200-4N-UFLX	4	37x45/36	0.275	140	0.320	0.032	0.329	0.339	0.349	156
SIL-0020-200-2N-UFLX	2	37x45/34	0.335	208	0.189	0.032	0.389	0.399	0.409	227
SIL-0020-200-1N-UFLX	1	37x57/34	0.385	268	0.160	0.032	0.434	0.449	0.464	289
SIL-0020-200-1/0N-UFLX	1/0	19x7x20/34	0.450	339	0.130	0.032	0.499	0.514	0.529	364
SIL-0020-200-2/0N-UFLX	2/0	19x7x25/34	0.500	428	0.100	0.032	0.549	0.564	0.579	455
SIL-0020-200-3/0N-UFLX	3/0	19x7x31/34	0.568	496	0.072	0.032	0.604	0.632	0.639	527
SIL-0020-200-4/0N-UFLX	4/0	19x7x40/34	0.635	657	0.056	0.032	0.679	0.699	0.719	691

InfiniFLEX™ High-Voltage Cables

INFINIFLEX FEEDERS (3000 V)

Amphenol CIT's 3000 V InfiniFLEX cables can be terminated with MIL-SPEC contacts and terminal lugs, as well as industry-standard flex lugs from Burndy, ABB (Thomas & Betts), and Panduit. Their exceptional flexibility improves routability, helping reduce installation time, while their 200 °C temperature rating ensures reliable performance in demanding environments. The cable's advanced strand design also allows installers to strip the insulation cleanly without conductor strands splaying, making terminations faster, easier, and more reliable.

InfiniFLEX Feeders (3000 V) 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-0030-200-20N	20	19/32	0.0374	4	9.730	0.062	0.159	0.161	0.163	13
SIL-0030-200-18N	18	19/30	0.0465	6	6.100	0.062	0.169	0.171	0.173	16
SIL-0030-200-16N	16	19/29	0.0525	7	4.760	0.062	0.174	0.177	0.180	18
SIL-0030-200-14N	14	19/27	0.0658	11	2.970	0.062	0.187	0.190	0.193	24
SIL-0030-200-12N	12	37/28	0.0847	18	1.970	0.062	0.206	0.209	0.212	32
SIL-0030-200-10N	10	37/26	0.1070	28	1.240	0.062	0.228	0.231	0.234	45
SIL-0030-200-8N-FLX	8	19x 22/34	0.164	52	0.770	0.062	0.284	0.288	0.292	74
SIL-0030-200-6N-FLX	6	19x35/34	0.203	79	0.500	0.062	0.322	0.327	0.332	106
SIL-0030-200-4N-FLX	4	19x55/34	0.259	129	0.308	0.062	0.377	0.383	0.389	161
SIL-0030-200-2N-FLX	2	19x55/32	0.327	205	0.188	0.062	0.445	0.451	0.457	244
SIL-0030-200-1N-FLX	1	19x70/32	0.369	261	0.147	0.062	0.486	0.493	0.500	304
SIL-0030-200-1/0N-FLX	1/0	37x45/32	0.414	327	0.118	0.062	0.530	0.538	0.546	374
SIL-0030-200-2/0N-FLX	2/0	37x57/32	0.466	414	0.093	0.062	0.581	0.590	0.598	466
SIL-0030-200-3/0N-FLX	3/0	19x7x20/32	0.545	505	0.075	0.062	0.659	0.669	0.680	566
SIL-0030-200-4/0N-FLX	4/0	19x7x25/32	0.609	631	0.060	0.062	0.722	0.733	0.745	698
SIL-0030-200-8N-UFLX	8	19x35/36	0.165	55	0.700	0.062	0.281	0.289	0.297	77
SIL-0030-200-6N-UFLX	6	19x55/36	0.200	79	0.480	0.062	0.316	0.324	0.332	105
SIL-0030-200-4N-UFLX	4	37x45/36	0.275	140	0.320	0.062	0.389	0.399	0.409	174
SIL-0030-200-2N-UFLX	2	37x45/34	0.335	208	0.189	0.062	0.449	0.459	0.469	248
SIL-0030-200-1N-UFLX	1	37x57/34	0.385	268	0.160	0.062	0.494	0.509	0.524	313
SIL-0030-200-1/0N-UFLX	1/0	19x7x20/34	0.450	339	0.130	0.062	0.559	0.574	0.589	390
SIL-0030-200-2/0N-UFLX	2/0	19x7x25/34	0.500	428	0.100	0.062	0.609	0.624	0.639	484
SIL-0030-200-3/0N-UFLX	3/0	19x7x31/34	0.568	496	0.072	0.062	0.664	0.692	0.699	559
SIL-0030-200-4/0N-UFLX	4/0	19x7x40/34	0.635	657	0.056	0.062	0.739	0.759	0.779	726