



## Southwire Telecom Power

# The experienced and trusted choice for Telecom Power.

Southwire Company, LLC's telecom power products are among the premier LSZH central office DC & AC power cables in the industry. Our TelcoFlex® cables are used to power all levels of telecom equipment and battery backup systems used in the central office, CATV head-end, data center, and cell tower equipment shelter environments.



### Why Southwire for Telecom Power?

**Telcordia Technologies Approval:** TelcoFlex® products have surpassed all 33 Telcordia Technologies test requirements.

**TelcoHyde® Insulation:** TelcoFlex products feature TelcoHyde insulation, a non-halogen, low smoke, environmentally friendly non-silicone, lead-free thermoset rubber compound, helping to provide protection to your critical data equipment in the event of a fire.

**Flexibility & Durability:** TelcoFlex cables offer increased flexibility and durability for better cable pulling through trays.

**Shipping:** Our authorized channel partners, Anixter, Talley, and Graybar, provide regional distribution centers to deliver what you need, when you need it.



**65+ Years of Expertise:** Southwire has a long, proven history of innovating to meet customer needs.

**A Proven History:** Installers have been using TelcoFlex cables on their jobs for over 30 years.



## PRODUCT OFFERINGS

### Telcoflex® L2 Telecom Power



SIZE	STRANDING	NOMINAL CONDUCTOR DIAMETER (INCHES)	INSUL. MIN. AVG. WALL (MILS)	NOMINAL INSUL. DIAM. (INCHES)	MAX D.C. RES @ 20°C (OHMS/MFT)	APPROX. WEIGHT (lb/1000ft)	AMPACITY PER NEC TABLE 310.15(B)(16)	
							75°C	90°C
14	41	.077	45	.170	2.730	24	20	25
12	65	.089	45	.182	1.720	35	25	30
10	104	.116	45	.209	1.080	50	35	40
8	41	.153	60	.280	0.679	78	50	55
6	65	.186	60	.315	0.436	122	65	75
4	126	.260	60	.365	0.274	205	65	95
2	168	.305	60	.430	0.172	254	115	130
1	210	.370	80	.540	0.126	351	130	150
1/0	266	.392	80	.560	0.109	420	150	170
2/0	342	.455	80	.620	0.057	536	175	195
4/0	532	.577	80	.745	0.055	792	230	260
350	888	.760	95	.960	0.033	1250	310	350
500	1221	.890	95	1.090	0.023	1713	380	430
750	1850	1.094	110	1.320	0.016	2682	475	535

Available in colors: gray, green, red, blue, black, red with black stripe, blue with black stripe, and gray with black stripe

### Telcoflex® L3 Telecom Power Wire



SIZE	STRANDING	NOMINAL CONDUCTOR DIAMETER (INCHES)	INSUL. MIN. AVG. WALL (MILS)	NOMINAL INSUL. DIAM. (INCHES)	MAX D.C. RES @ 20°C (OHMS/MFT)	APPROX. WEIGHT (lb/1000ft)	AMPACITY PER NEC TABLE 310.15(B)(16)	
							75°C	90°C
14	7	.0708	45	.164	.226	36	20	25
12	7	.0892	45	.182	.244	46	25	30
10	7	.1130	45	.210	.272	62	35	40
8	7	.1420	60	.265	.327	93	50	55
6	7	.1780	60	.304	.370	132	65	75
4	7	.2250	60	.348	.414	188	85	95
2	7	.2830	60	.406	.482	278	115	130
1/0	19	.3620	80	.530	.606	441	150	170
2/0	19	.4050	80	.579	.651	538	175	195
4/0	19	.5120	80	.688	.756	808	230	260
350	37	.6610	95	.854	.930	1290	310	350
500	37	.7900	95	.983	1.059	1788	380	430
750	61	.9680	110	1.200	1.276	2638	475	535

Available in colors: gray, green, red, blue, black, red with black stripe, blue with black stripe, and gray with black stripe

**PRODUCT OFFERINGS**

## Telcoflex® L4 Telecom Power Wire



SIZE	STRANDING	NOMINAL CONDUCTOR DIAMETER (INCHES)	INSUL. MIN. AVG. WALL (MILS)	NOMINAL INSUL. DIAM. (INCHES)	MAX D.C. RES @ 20°C (OHMS/MFT)	APPROX. WEIGHT (lb/1000ft)	AMPACITY PER NEC TABLE 310.15(B)(16)	
							75°C	90°C
8	41	.153	60	.277	0.679	93	50	55
6	65	.186	60	.312	0.436	136	65	75
4	126	.260	60	.383	0.274	212	85	95
2	168	.305	60	.438	0.172	280	115	130
1/0	266	.392	80	.555	0.109	450	150	170
2/0	342	.455	80	.618	0.087	562	175	195
4/0	532	.577	80	.745	0.054	828	230	260
350	888	.760	95	.953	0.033	1291	310	350
500	1221	.890	95	1.090	0.023	1776	380	430
750	1850	1.094	110	1.320	0.016	2740	475	535

Available in colors: gray, green, red, blue, black, red with black stripe, and blue with black stripe

## Telcoflex®-G L5 Telecom Grounding Cable



CONDUCTOR SIZE (AWG OR KCMIL)	STRANDING CLASS B NO. OF STRANDS	DIAMETER OVER CONDUCTOR (INCHES)	INSULATION THICKNESS (MILS)	APPX. OD (INCHES)	NOMINAL WEIGHT (LBS/MFT)	AMPACITY FOR 600V NEC TABLE 310.15 (B) (16)+	
						75°C	90°C
10	7	0.113	30	0.173	29	35	40
8	7	0.142	45	0.232	61	50	55
6	7	0.178	45	0.268	99	65	75
4	7	0.225	45	0.315	146	85	95
2	7	0.283	45	0.373	238	115	130
1	19	0.322	55	0.432	290	130	145

## Telcoflex®-G L6 Telecom Grounding Cable



CONDUCTOR SIZE (AWG OR KCMIL)	STRANDING CLASS B NO. OF STRANDS	DIAMETER OVER CONDUCTOR (INCHES)	INSULATION THICKNESS (MILS)	APPX. OD (INCHES)	NOMINAL WEIGHT (LBS/MFT)	AMPACITY FOR 600V NEC TABLE 310.15 (B) (16)+	
						75°C	90°C
10	104++	0.078	30	0.138	32	35	40
8	41	0.142	45	0.246	68	50	55
6	65	0.186	45	0.276	99	65	75
4	154	0.263	45	0.353	155	85	95
2	168	0.315	45	0.405	228	115	130
1	224	0.367	55	0.477	309	130	145