



CENTRAL OFFICES



WIRELESS CELL TOWERS



DATA CENTERS



CATV HEADEND

Central Office Power Cable Solutions

(including Lists 2, 3 & 4)



MOBILE SWITCHING CENTERS

- CSA & UL Approved
- Low Smoke, Zero Halogen Rated
- RW90 & RHH/RHW Rated
- Passes FT-4 & VW-1 Flame Tests
- Rated for use from -40°C to +90°C
- GR347 & ATIS Compliant
- Tracers/Stripes
- NO cut or hidden charges

Type L2 – Class I Stranding, LSZH, 600V



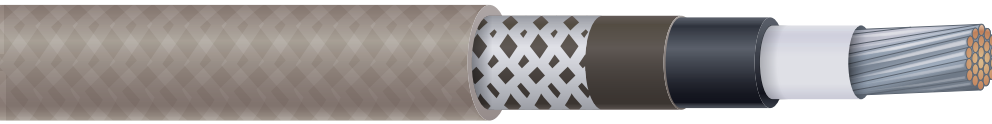
- Application:** Priority Wire & Cable's FlexTel® Type L2 Central Office Power Cable is a rugged; RHH/RHW rated wire for 600V applications. Central Office Power Cable is suitable for use in telecommunication applications and for power distribution of AC and DC power in conduit or cable trays. Central Office Power Cable is available in a variety of colors.
- Conductors:** Class I stranded tinned copper conductor for increased flexibility in accordance with ASTM B-33 & B-172 and covered with a mylar tape.
- Insulation:** Low Smoke Zero Halogen LSZH cross linked polyolefin XLPO insulation, which is rated 90°C. Maximum conductor operating temperature: 90°C dry, 75°C wet or dry, maximum short circuits 250°C. Colors and sunlight resistance available upon request.
- Cable Marking:** FlexTel® LIST 2 CLASS-I <Size(AWG)(mm2)> 600V RHH -40°C TO 90°C ST-1 VW-1 <1/0 and larger (FOR CT USE)> (UL) E257578 LSOH CSA 242388 RW90 -40°C to 90°C 600V FT4 <Lot Code><Year><Footage>.
- Standards:** UL listed Power Cable for Telephone Central Office Applications
1/0 and larger listed and marked FT4 and for CT use
ST1 per UL1685 Vertical Tray Flame Test
Meets UL VW-1 flame test
Passes IEEE 1202, FT4 Vertical Tray Flame Test
UL 44 Thermoset Insulated Wires and Cables
Meets Telecordia specification GR-347-CORE
CSA C22.2 No. 38 Thermoset-Insulated Wires and Cables, RW90

Part Number	Conductor Size (AWG/kcmil)	No. of Strands	Conductor Diameter (inches)	Insulation Min. Avg. Thickness (mils)	Overall Diameter (inches)	Net Weight (lbs/kft)	Max DC Resistance @20C (ohms/kft)	Current Capacity (amps)
14-01COP-124194-L2	14	41*	0.072	45	0.179	26	2.8200	25
12-01COP-124194-L2	12	65*	0.091	45	0.199	35	1.7700	30
10-01COP-124194-L2	10	105*	0.116	45	0.226	50	1.1100	40
8-01COP-124194-L2	8	41	0.153	60	0.280	85	0.6790	55
6-01COP-124194-L2	6	65	0.188	60	0.315	122	0.4360	75
4-01COP-124194-L2	4	105	0.260	60	0.385	186	0.2740	95
2-01COP-124194-L2	2	168	0.305	60	0.430	256	0.1720	130
1/0-01COP-124194-L2	1/0	266	0.392	80	0.560	434	0.1090	170
2/0-01COP-124194-L2	2/0	342	0.455	80	0.620	533	0.0868	195
4/0-01COP-124194-L2	4/0	532	0.577	80	0.745	832	0.0546	260
350-01COP-124194-L2	350	888	0.760	95	0.960	1323	0.0334	350
500-01COP-124194-L2	500	1221	0.890	95	1.090	1810	0.0234	430
750-01COP-124194-L2	750	1850	1.094	110	1.325	2680	0.0157	535

All values are nominal and subject to correction.
*Class K stranding



Type L3 – Class B Stranding, Cloth Jacketed, LSZH, 600V



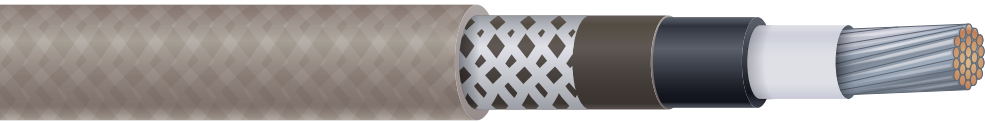
- Application:** Priority Wire & Cable's FlexTel® Type L3 Central Office Power Cable is a rugged; RHH/RHW rated wire for 600V applications. Central Office Power Cable is suitable for use in telecommunication applications and for power distribution of AC and DC power in conduit or cable trays. Central Office Power Cable is available in a variety of colors.
- Conductors:** Class B stranded tinned copper conductor in accordance with ASTM B-33 & B-8 and covered with a mylar tape.
- Insulation:** Low Smoke Zero Halogen LSZH cross linked polyolefin XLPO insulation, which is rated 90°C. Cables 6 AWG or larger have a layer of mylar tape over the insulation.
- Jacket:** Cotton braid jacket coated in gray saturant finish. Maximum conductor operating temperature: 90°C dry, 75°C wet or dry, maximum short circuits 250°C. Other colors and sunlight resistance available upon request.
- Cable Marking:** FlexTel® LIST 3 CLASS-B <Size(AWG)(mm2)> 600V RHH -40°C TO 90°C ST-1 VW-1 <1/0 and larger (FOR CT USE)> (UL) E257578 LSOH CSA 242388 RW90 -40°C to 90°C 600V FT4 <Lot Code><Year><Footage>.
- Standards:** UL listed Power Cable for Telephone Central Office Applications
1/0 and larger listed and marked FT4 and for CT use
ST1 per UL1685 Vertical Tray Flame Test
Meets UL VW-1 flame test
Passes IEEE 1202, FT4 Vertical Tray Flame Test
UL 44 Thermoset Insulated Wires and Cables
Meets Telecordia specification GR-347-CORE
CSA C22.2 No. 38 Thermoset-Insulated Wires and Cables, RW90

Part Number	Conductor Size (AWG/kcmil)	No. of Strands	Conductor Diameter (inches)	Insulation Min. Avg. Thickness (mils)	Overall Diameter (inches)	Net Weight (lbs/kft)	Max DC Resistance @20C (ohms/kft)	Current Capacity (amps)
14-01COP-124194-L3	14	7	0.071	45	0.225	37	2.730	25
12-01COP-124194-L3	12	7	0.089	45	0.247	47	1.720	30
10-01COP-124194-L3	10	7	0.113	45	0.272	63	1.080	40
8-01COP-124194-L3	8	7	0.142	60	0.327	93	0.678	55
6-01COP-124194-L3	6	7	0.178	60	0.370	132	0.427	75
4-01COP-124194-L3	4	7	0.225	60	0.414	190	0.269	95
2-01COP-124194-L3	2	7	0.283	60	0.482	280	0.169	130
1/0-01COP-124194-L3	1/0	19	0.362	80	0.606	441	0.106	170
2/0-01COP-124194-L3	2/0	19	0.405	80	0.651	538	0.084	195
4/0-01COP-124194-L3	4/0	19	0.528	80	0.756	808	0.052	260
350-01COP-124194-L3	350	37	0.661	95	0.930	1295	0.032	350
500-01COP-124194-L3	500	37	0.789	95	1.066	1796	0.022	430
750-01COP-124194-L3	750	61	0.968	110	1.267	2663	0.0148	535

All values are nominal and subject to correction.



Type L4 – Class I Stranding, Cloth Jacketed, LSZH, 600V



- Application:** Priority Wire & Cable's FlexTel® Type L4 Central Office Power Cable is a rugged; RHH/RHW rated wire for 600V applications. Central Office Power Cable is suitable for use in telecommunication applications and for power distribution of AC and DC power in conduit or cable trays. Central Office Power Cable is available in a variety of colors.
- Conductors:** Class I stranded tinned copper conductor for increased flexibility in accordance with ASTM B-33 & B-172 and covered with a mylar tape.
- Insulation:** Low Smoke Zero Halogen LSZH cross linked polyolefin XLPO insulation, which is rated 90°C. Cables 6 AWG or larger have a layer of mylar tape over the insulation.
- Jacket:** Cotton braid jacket coated in gray saturant finish. Maximum conductor operating temperature: 90°C dry, 75°C wet or dry, maximum short circuits 250°C. Other colors and sunlight resistance available upon request.
- Cable Marking:** FlexTel® LIST 4 CLASS-I <Size(AWG)(mm2)> 600V RHH -40°C TO 90°C ST-1 VW-1 <1/0 and larger (FOR CT USE)> (UL) E257578 LSOH CSA#242388 RW90 -40°C to 90°C 600V FT4 <Lot Code><Year><Footage>.
- Standards:** UL listed Power Cable for Telephone Central Office Applications
1/0 and larger listed and marked FT4 and for CT use
ST1 per UL1685 Vertical Tray Flame Test
Meets UL VW-1 flame test
Passes IEEE 1202, FT4 Vertical Tray Flame Test
UL 44 Thermoset Insulated Wires and Cables
Meets Telecordia specification GR-347-CORE
CSA C22.2 No. 38 Thermoset-Insulated Wires and Cables, RW90

Part Number	Conductor Size (AWG/kcmil)	No. of Strands	Conductor Diameter (inches)	Insulation Min. Avg. Thickness (mils)	Overall Diameter (inches)	Net Weight (lbs/kft)	Max DC Resistance @20C (ohms/kft)	Current Capacity (amps)
14-01COP-124194-L4	14	41*	0.072	45	0.250	43	2.8200	25
12-01COP-124194-L4	12	65*	0.091	45	0.270	54	1.7700	30
10-01COP-124194-L4	10	105*	0.116	45	0.295	72	1.1100	40
8-01COP-124194-L4	8	41	0.153	60	0.330	99	0.6790	55
6-01COP-124194-L4	6	65	0.188	60	0.365	137	0.4360	75
4-01COP-124194-L4	4	105	0.260	60	0.435	199	0.2740	95
2-01COP-124194-L4	2	168	0.305	60	0.480	283	0.1720	130
1/0-01COP-124194-L4	1/0	266	0.392	80	0.615	460	0.1090	170
2/0-01COP-124194-L4	2/0	342	0.455	80	0.675	562	0.0868	195
4/0-01COP-124194-L4	4/0	532	0.577	80	0.800	868	0.0546	260
350-01COP-124194-L4	350	888	0.760	95	1.015	1373	0.0334	350
500-01COP-124194-L4	500	1221	0.890	95	1.145	1860	0.0234	430
750-01COP-124194-L4	750	1850	1.094	110	1.380	2738	0.0157	535

All values are nominal and subject to correction.
*Class K stranding



US: 1-800-945-5542 CANADA: 1-877-611-5122

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