



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-2 Rated
- Passes FT-4 & VW-1 Flame Tests
- Rated for use from -40°C to +90°C
- GR347 & ATIS Compliant
- Tracers/Stripes can be added to the jacket
- NO cut or hidden charges

Type L2 – Class I Stranding, LSZH, 600V

- Application:** Priority Wire & Cable's Type L2 Central Office Power Cable is a rugged; RHH/RHW-2 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 jacket colors.
- Conductors:** Type L2 Central Office Power Cable has a Class I stranded tinned copper conductor, in accordance with ASTM B-33 & B-172. The Central Office Power Cable conductor may be covered with a Mylar tape.
- Insulation:** Type L2 Central Office Power Cable has a 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 are available upon request.
- Cable Marking:** FlexTel® (Type) NON-HAL <Size(AWG)(mm²)> 600V RHH LS -40C to 90C ST-1 VW-1 FT4 (UL) E257578 CSA242388 RW90 -40C to 90C 600V FT4 <Year><Footage><Lot Code> Add "FOR CT USE" before UL on sizes 1/0 and larger.
- Standards:** UL listed as Telephone Central Office Power Cable
1/0 and larger listed and marked FT4 and for CT use
UL listed LS-ZH as per UL1685 test
Meets UL VW1 flame test
Passes IEEE 1202 flame test
UL 44 for thermoset insulated wire and cable
Meets Telecordia specification 347-CORE
Meets Telecordia GR-347-3.6.1 Issue 3
Meets Telecordia GR-347-3.6.2 Issue 3
Complies with Telecordia GR-347-3.6.3 Issue 3
CSA C22.2 No. 38-10

Part Number	Size AWG/kcmil	No. of Strands	Approx. Conductor Diameter (inches)	Insulation Min. Avg. Wall (mils)	Nominal Outside Diameter (inches)	Approx. Net Weight lb./kft	Max DC Res. @ 20C (ohms/kft)	Current Capacity (amps)
8-01COP-124194-L2	8	41	0.153	60	0.280	86	0.6790	55
6-01COP-124194-L2	6	65	0.188	60	0.315	120	0.4360	75
4-01COP-124194-L2	4	105	0.260	60	0.385	193	0.2740	95
2-01COP-124194-L2	2	168	0.305	60	0.430	284	0.1720	130
1/0-01COP-124194-L2	1/0	266	0.392	80	0.560	457	0.1090	170
2/0-01COP-124194-L2	2/0	342	0.455	80	0.620	570	0.0868	195
4/0-01COP-124194-L2	4/0	532	0.577	80	0.745	844	0.0546	260
350-01COP-124194-L2	350	888	0.760	95	0.960	1336	0.0334	350
500-01COP-124194-L2	500	1221	0.890	95	1.090	1850	0.0234	430
750-01COP-124194-L2	750	1850	1.094	110	1.325	2740	0.0157	535

All values are nominal and subject to correction.



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

- Application:** Priority Wire & Cable's Type L3 Central Office Power Cable is a rugged; RHH/RHW-2 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 jacket colors.
- Conductors:** Type L3 Central Office Power Cable has a Class B stranded tinned copper conductor, in accordance with ASTM B-33 & B-172. The Central Office Power Cable conductor may be covered with a Mylar tape.
- Insulation:** Type L3 Central Office Power Cable has a Low Smoke Zero Halogen LSZH cross linked polyolefin XLPO insulation, which is rated 90°C. The insulation shall be covered with a layer of Mylar tape.
- Jacket:** Type L3 Central Office Power Cable has a 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 outer Jacket colors are available upon request.
- Cable Marking:** FlexTel® (Type) NON-HAL <Size(AWG)(mm²)> 600V RHH LS -40C to 90C ST-1 VW-1 FT4 (UL) E257578 CSA242388 RW90 -40C to 90C 600V FT4 <Year><Footage><Lot Code> Add "FOR CT USE" before UL on sizes 1/0 and larger.
- Standards:** UL listed as Telephone Central Office Power Cable
1/0 and larger listed and marked FT4 and for CT use
UL listed LS-ZH as per UL1685 test
Meets UL VW1 flame test
Passes IEEE 1202 flame test
UL 44 for thermoset insulated wire and cable
Meets Telecordia specification 347-CORE
Meets Telecordia GR-347-3.6.1 Issue 3
Meets Telecordia GR-347-3.6.2 Issue 3
Complies with Telecordia GR-347-3.6.3 Issue 3
CSA C22.2 No. 38-10

Part Number	Size AWG/kcmil	No. of Strands	Insulation Min. Avg. Wall (mils)	Nominal Outside Diameter (inches)	Approx. Net Weight lb./kft	Max DC Res. @ 20C (ohms/kft)	Current Capacity (amps)
COP3-14	14	7	45	0.200	31	2.730	25
COP3-12	12	7	45	0.220	41	1.720	30
COP3-10	10	7	45	0.250	59	1.080	40
COP3-8	8	7	60	0.320	92	0.678	55
COP3-6	6	7	60	0.355	130	0.427	75
COP3-4	4	7	60	0.400	190	0.269	95
COP3-2	2	7	60	0.460	282	0.169	130
COP3-1/0	1/0	19	80	0.585	443	0.106	170
COP3-2/0	2/0	19	80	0.630	538	0.084	195
COP3-4/0	4/0	19	80	0.735	812	0.052	260
COP3-350	350	37	95	0.915	1313	0.032	350
COP3-500	500	37	95	1.045	1822	0.022	430
COP3-750	750	61	110	1.260	2692	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 Type L4 Central Office Power Cable is a rugged; RHH/RHW-2 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 jacket colors.

Conductors: Type L4 Central Office Power Cable has a Class I stranded tinned copper conductor, in accordance with ASTM B-33 & B-172. The Central Office Power Cable conductor may be covered with a Mylar tape.

Insulation: Type L4 Central Office Power Cable has a Low Smoke Zero Halogen LSZH cross linked polyolefin XLPO insulation, which is rated 90°C. The insulation shall be covered with a layer of Mylar tape.

Jacket: Type L4 Central Office Power Cable has a 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 outer jacket colors are available upon request.

Cable Marking: FlexTel® (Type) NON-HAL <Size(AWG)(mm²)> 600V RHH LS -40C to 90C ST-1 VW-1 FT4 (UL) E257578 CSA242388 RW90 -40C to 90C 600V FT4 <Year><Footage><Lot Code> Add "FOR CT USE" before UL on sizes 1/0 and larger.

Standards: UL listed as Telephone Central Office Power Cable
1/0 and larger listed and marked FT4 and for CT use
UL listed LS-ZH as per UL1685 test
Meets UL VW1 flame test
Passes IEEE 1202 flame test
UL 44 for thermoset insulated wire and cable
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Meets Telecordia GR-347-3.6.2 Issue 3
Complies with Telecordia GR-347-3.6.3 Issue 3
CSA C22.2 No. 38-10

Part Number	Size AWG/kcmil	No. of Strands	Approx. Conductor Diameter (inches)	Insulation Min. Avg. Wall (mils)	Nominal Outside Diameter (inches)	Approx. Net Weight lb./kft	Max DC Res. @ 20C (ohms/kft)	Current Capacity (amps)
8-01COP-124194-L4	8	41	0.153	60	0.330	86	0.6790	55
6-01COP-124194-L4	6	65	0.188	60	0.365	120	0.4360	75
4-01COP-124194-L4	4	105	0.260	60	0.435	193	0.2740	95
2-01COP-124194-L4	2	168	0.305	60	0.480	284	0.1720	130
1/0-01COP-124194-L4	1/0	266	0.392	80	0.615	479	0.1090	170
2/0-01COP-124194-L4	2/0	342	0.455	80	0.675	593	0.0868	195
4/0-01COP-124194-L4	4/0	532	0.577	80	0.800	882	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	1906	0.0234	430
750-01COP-124194-L4	750	1850	1.094	110	1.380	2792	0.0157	535

All values are nominal and subject to correction.



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

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