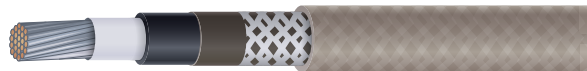


Type L4 – RHH/RHW Class I with Braid, 600V



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

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

COLOR CODE:

| Color | Code |
|-------|---------|
| Red | RAL3027 |
| Blue | RAL5017 |
| Grey | RAL7040 |
| Green | RAL6017 |
| Black | RAL9004 |

| Part Number | Conductor Size | No. of Strands | Conductor Diameter | Insulation Min. Avg. Thickness | Overall Diameter | Net Weight | Max DC Resistance @20C | Current Capacity** |
|---------------------|----------------|----------------|--------------------|--------------------------------|------------------|------------|------------------------|--------------------|
| | AWG/kcmil | | inches | mils | inches | lbs/kft | ohms/kft | 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

** Ampacity based on NEC table 310.15(B)(16) for no more than three current-carrying conductors in raceway, cable, or earth at 90 °C conductor temperature and 30 °C ambient air temperature



1-877-611-5122
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