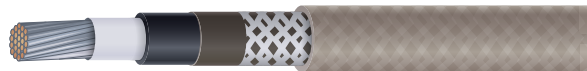


# Type L3 – RHH/RHW Class B with Braid, 600V



## 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

## 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-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

\*\* 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



1-800-945-5542  
www.PriorityWire.com



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