

Type L2 – RHH/RHW Class I without Braid, 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

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-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

** 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



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