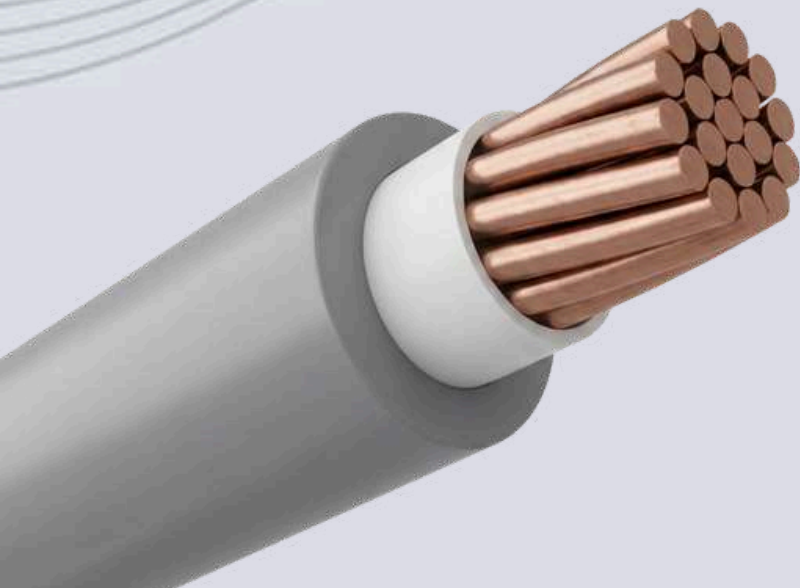




OSWAL
CABLES



**Type L2 – RHH/RHW
Class I without Braid,
600V**

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Type L2 – RHH/RHW

Class I without Braid, 600V

APPLICATION

The L2 Central Office Power Cable is a heavy-duty, RHH/RHW-rated wire engineered for 600V applications. Specifically designed for the telecommunications industry, it provides reliable AC and DC power distribution within conduits or cable trays.

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

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

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

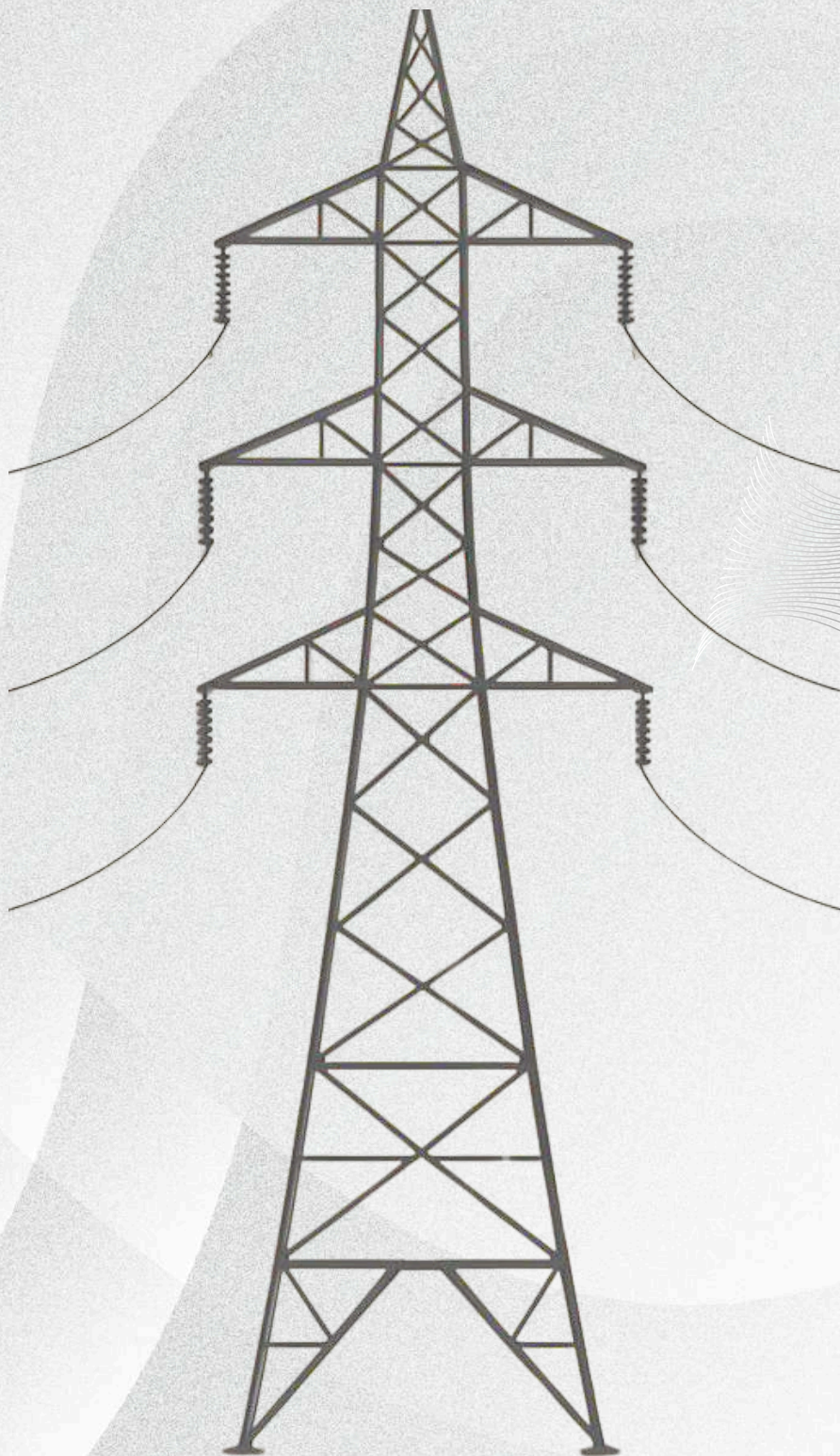


PartNumber	Conductor Size	No.of Strands	Conductor Diameter	Insulation Min.Avg. Thickness	Overall Diameter	Net Weight	MaxDC Resistance @20C	Current Capacity**
	AWG/ kcmil		inches	mils	inches	lbs/kft	ohms/kft	amps
14-01COP-124194-L2	14	41*	0.072	45	0.179	26	2.82	25
12-01COP-124194-L2	12	65*	0.091	45	0.199	35	1.77	30
10-01COP-124194-L2	10	105*	0.116	45	0.226	50	1.11	40
8-01COP-124194-L2	8	41	0.153	60	0.28	85	0.679	55
6-01COP-124194-L2	6	65	0.188	60	0.315	122	0.436	75
4-01COP-124194-L2	4	105	0.26	60	0.385	186	0.274	95
2-01COP-124194-L2	2	168	0.305	60	0.43	256	0.172	130
1/0-01COP-124194-L2	1/0	266	0.392	80	0.56	434	0.109	170
2/0-01COP-124194-L2	2/0	342	0.455	80	0.62	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	0.76	95	0.96	1323	0.0334	350
500-01COP-124194-L2	500	1221	0.89	95	1.09	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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