

DC POWER 600V RHH/RHW LSZH CABLE

List 2 – Class I Stranding, LSZH, 600V

Exclusively distributed by Jupiter Communications



The **RG Flex family** of telecommunications power products has been tested and approved by Telcordia and meets the functional performance requirements of GR-347 Issue 3, TPR.9212 and ATIS-0600017.2014. Telcordia affirms that L2, L3 and L4 power cables are suitable for use in all telecommunications facilities including central offices, remote terminal applications and outside plant remote cabinets that house electronics equipment.



RG Flex L2, 2 AWG

Size AWG or kcmil	Stranding Number /dia (inch)	Conductor diameter (inches)	Insulation min. Thickness (mils)	Nominal insulation diameter (inches)	Max.d.c.res. @20°C (ohms/mft.)	Approx. Weight lbs./mft.
18	16/0.010"	0.0456	30	0.118	7.169	7
16	26/0.010"	0.058	30	0.133	4.484	10
14	41/.010"	0.077	45	0.170	2.730	22
12	65/.010"	0.089	45	0.182	1.720	31
10	104/.010"	0.116	45	0.209	1.080	43
8	41/.0201"	0.153	60	0.274	0.6790	78
6	65/.0201"	0.188	60	0.315	0.4360	122
4	105/.0201"	0.260	60	0.385	0.2740	186
2	168/.0201"	0.305	60	0.430	0.1720	256
1/0	266/.0201"	0.392	80	0.560	0.1090	434
2/0	325/.0201"	0.455	80	0.715	0.0868	486
4/0	550/.0201"	0.577	80	0.837	0.0546	780
350	866/.0201"	0.760	95	1.050	0.0334	1206
500	1239/.0201"	0.890	95	1.100	0.0234	1684
750	1936/.0201"	1.094	110	1.414	0.0157	2625

Parameter	Value
Operating Voltage	600V
Maximum Operating Temperature	90°C dry & 75°C wet
Flame Test	VW-1 and FT4
Low Smoke Test	ST1
Halogen Free	IEC 60754 IEC 60332

Conductor

Type L2 DC power cable has a Class I annealed tinned copper flexible stranded conductor as per ASTM B-33 and B172. A mylar tape is applied over the conductor to facilitate easy stripping.

Insulation

Thermosetting low-smoke, lead-free and silicone-free non-halogenated insulation, rated 90°C.

Packaging

The ends of all cables supplied shall be capped or taped to prevent the ingress of moisture during shipping or storage.

Testing

Physical and electrical testing in accordance with the requirements of UL Standard 44, Subject 509 and 758, and CSA Standard C22.2 No. 210.2 M90 as AWM.

Cable Sheath Markings

RG Flex L2 NON-HAL(UL) E477980 ___ AWG RHH/RHW 90C DRY AND 75C WET FT4-ST1 OR AWM 3578 105C 600V VW-1 – c(UL) AWM I B 105C 600V FT4-ST1 ----Meets IEC60754, IEC60332

Sequential footage markings shall be applied at two foot intervals on one side of the cable. Add "FOR CT USE" before "(AWM 3578)" on sizes 1/0 AWG and larger.

Certified by



Products are subject to manufacturer tolerances and availability.

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Reference

Tested and Approved to meet or exceed the following standards:

- KS-24194 and 24194 Compliant
- Telcordia GR-347-CORE Compliant
- ATIS 0600017.2014 Compliant
- TPR.9212 Compliant
- UL Listed as Central Office Power Cable
- UL Listed Standard 44: Thermoset Insulated Type RHH/RHW/ST1
- UL Listed: For Tray Cable Use (1/0 & Larger)
- FT-4 Flame Test Compliant
- VW-1 Flame Test Compliant
- CSA AWM 1 B 105C
- Zero Halogen
- IEC 60754 and IEC 60332 Compliant
- RoHS / Reach Compliant

RG Flex L2 Telephone Power Cable 600 Volts Class I Stranding - No Braid

Size	Jupiter P/N Gray	Jupiter P/N Green	Jupiter P/N Red	Jupiter P/N Blue	Jupiter P/N Black
18 STR	18AWG-L2GY	18AWG-L2GN	18AWG-L2RD	18AWG-L2BL	18AWG-L2BK
16 STR	16AWG-L2GY	16AWG-L2GN	16AWG-L2RD	16AWG-L2BL	16AWG-L2BK
14 STR	14AWG-L2GY	14AWG-L2GN	14AWG-L2RD	14AWG-L2BL	14AWG-L2BK
12 STR	12AWG-L2GY	12AWG-L2GN	12AWG-L2RD	12AWG-L2BL	12AWG-L2BK
10 STR	10AWG-L2GY	10AWG-L2GN	10AWG-L2RD	10AWG-L2BL	10AWG-L2BK
8 STR	8AWG-L2GY	8AWG-L2GN	8AWG-L2RD	8AWG-L2BL	8AWG-L2BK
6 STR	6AWG-L2GY	6AWG-L2GN	6AWG-L2RD	6AWG-L2BL	6AWG-L2BK
4 STR	4AWG-L2GY	4AWG-L2GN	4AWG-L2RD	4AWG-L2BL	4AWG-L2BK
2 STR	2AWG-L2GY	2AWG-L2GN	2AWG-L2RD	2AWG-L2BL	2AWG-L2BK
1/0 STR	1/0-L2GY	1/0-L2GN	1/0-L2RD	1/0-L2BL	1/0-L2BK
2/0 STR	2/0-L2GY	2/0-L2GN	2/0-L2RD	2/0-L2BL	2/0-L2BK
4/0 STR	4/0-L2GY	4/0-L2GN	4/0-L2RD	4/0-L2BL	4/0-L2BK
350 STR	350MCM-L2GY	350MCM-L2GN	350MCM-L2RD	350MCM-L2BL	350MCM-L2BK
500 STR	500MCM-L2GY	500MCM-L2GN	500MCM-L2RD	500MCM-L2BL	500MCM-L2BK
750 STR	750MCM-L2GY	750MCM-L2GN	750MCM-L2RD	750MCM-L2BL	750MCM-L2BK

Tracer cable available upon request

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