

DC POWER 600V RHH/RHW LSZH CABLE

List 4 – Class I Stranding, Cloth Jacketed, 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 L4, 4/0 AWG

Size AWG or kcmil	Stranding Number/dia (Inch)	Conductor diameter (inches)	Insulation min. Thickness (mils)	Nominal insulation diameter (inches)	Nominal braid diameter (inches)	Max.d.c.res. @20°C (ohms/ mft.)	Approx. Weight lbs./mft.
8	41/.0201"	0.153	60	0.274	0.324	0.6790	78
6	65/.0201"	0.188	60	0.315	0.365	0.4360	122
4	105/.0201"	0.260	60	0.385	0.435	0.2740	186
2	168/.0201"	0.305	60	0.430	0.480	0.1720	256
1	210/0.0201"	0.346	80	0.519	0.602	0.136	360
1/0	266/.0201"	0.392	80	0.560	0.610	0.1090	434
2/0	325/.0201"	0.455	80	0.715	0.770	0.0868	486
4/0	550/.0201"	0.577	80	0.837	0.892	0.0546	780
350	866/.0201"	0.760	95	1.050	1.105	0.0334	1206
500	1239/.0201"	0.890	95	1.230	1.285	0.0234	1684
750	1936/.0201"	1.094	110	1.414	1.469	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	IEC60754 IEC60332

Conductor

Type L4 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.

Protective Layer

Natural cotton braided layer.

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 L4 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.

1 • 2018/07 rev 1



www.jupitercommunications.net sales@jupitercommunications.net

2130 S. Douglas Dr., Building D, Chandler AZ 85286
P 855-699-5140 ▶ 480-699-5140 ▶ F 480-926-0835

DC POWER 600V RHH/RHW LSZH CABLE

List 4 – Class I Stranding, Cloth Jacketed, LSZH, 600V

Exclusively distributed by Jupiter Communications



Reference

Tested and Approved to meet or exceed the following standards:

- KS-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 L4 Telephone Power Cable 600 Volts Class I Stranding - Braided

Size	Jupiter P/N Gray	Jupiter P/N Green	Jupiter P/N Red	Jupiter P/N Blue	Jupiter P/N Black
8 STR	8AWG-L4GY	8AWG-L4GN	8AWG-L4RD	8AWG-L4BL	8AWG-L4BK
6 STR	6AWG-L4GY	6AWG-L4GN	6AWG-L4RD	6AWG-L4BL	6AWG-L4BK
4 STR	4AWG-L4GY	4AWG-L4GN	4AWG-L4RD	4AWG-L4BL	4AWG-L4BK
2 STR	2AWG-L4GY	2AWG-L4GN	2AWG-L4RD	2AWG-L4BL	2AWG-L4BK
1 STR	1AWG-L4GY	1AWG-L4GN	1AWG-L4RD	1AWG-L4BL	1AWG-L4BK
1/0 STR	1/0-L4GY	1/0-L4GN	1/0-L4RD	1/0-L4BL	1/0-L4BK
2/0 STR	2/0-L4GY	2/0-L4GN	2/0-L4RD	2/0-L4BL	2/0-L4BK
4/0 STR	4/0-L4GY	4/0-L4GN	4/0-L4RD	4/0-L4BL	4/0-L4BK
350 STR	350MCM-L4GY	350MCM-L4GN	350MCM-L4RD	350MCM-L4BL	350MCM-L4BK
500 STR	500MCM-L4GY	500MCM-L4GN	500MCM-L4RD	500MCM-L4BL	500MCM-L4BK
750 STR	750MCM-L4GY	750MCM-L4GN	750MCM-L4RD	750MCM-L4BL	750MCM-L4BK

Tracer cable available upon request

Products are subject to manufacturer tolerances and availability.

2 • 2018/07 rev 1