

18 core robust entertainment lighting harness

Product Description



Design

The design of light systems employs the connection between control systems such as dimmer racks and their dependant peripherals. Using a cable harness makes it far easier to set up and move the show. Not only do the connectors facilitate speed, but aid efficiency by eliminating errors that may occur when linking up the systems. Touring shows and groups frequently live a frenetic life with economics demanding a minimal amount of time between performances. The de-rigging, transportation and setting up of equipment needs to be speedy and the rush often leads to accidental abuse. The connectors and cables have to be robust as well as reliable. Manufactured using the Lapp Light Flex 18x1.5 or the 18x2.5 and the Phase 3 19 pin connectors Lapp can offer an off the shelf solution for your lighting harness requirements.

Product features

- Socapex SL 419 compatible connectors
- Black PVC control cable
- Class 5 stranded copper conductors
- Number coded core identification
- Wear resistant anodised finish
- Easy grip, heavy duty coupling rings
- Thick wall section backshells
- Integral insulation sleeves
- M40 metric cable glands
- Inserts marked with lighting circuit wiring
- IP67 when mated
- First Mate Last Break Earth Contacts
- Multipoint gold plated contacts
- ROHS compliant



Technical Data

Voltage Rating: 300/500V

Current Rating: 1.5mm - 18A
2.5mm – 26A

Temperature Rating: -5°C to +70°C

Contact Plating: Gold

Pin Outs



<u>Cable No.</u>	<u>Pin No.</u>
1	L1
2	N1
3	Earth
4	L2
5	N2
6	Earth
7	L3
8	N3
9	Earth
10	L4
11	N4
12	Earth
13	L5
14	N5
15	Earth
16	L6
17	N6
Earth	Earth

Centre Pin Not Used

Article List

Part Number	Description	Termination
38102513	Lapp Lightflex 18G1.5 Harness 5mtr	Solder
38102514	Lapp Lightflex 18G1.5 Harness 10mtr	Solder
38102515	Lapp Lightflex 18G1.5 Harness 15mtr	Solder
38102516	Lapp Lightflex 18G1.5 Harness 20mtr	Solder
38102517	Lapp Lightflex 18G1.5 Harness 25mtr	Solder
38102518	Lapp Lightflex 18G1.5 Harness 30mtr	Solder



Part Number	Description	Termination
38102511	Lapp Lightflex 18G2.5 Harness 5mtr	Solder
38102504	Lapp Lightflex 18G2.5 Harness 10mtr	Solder
38102505	Lapp Lightflex 18G2.5 Harness 15mtr	Solder
38102506	Lapp Lightflex 18G2.5 Harness 20mtr	Solder
38102519	Lapp Lightflex 18G2.5 Harness 25mtr	Solder
38102507	Lapp Lightflex 18G2.5 Harness 30mtr	Solder
38102520	Lapp Lightflex 18G2.5 Harness 35mtr	Solder
38102521	Lapp Lightflex 18G2.5 Harness 40mtr	Solder