



Lapp Light Flex leading the way

Lapp Light Flex

Within the stage lighting area, black sheathed cables are predominately used due to their “invisibility”. From our range we can supply a 18x1.5 or 18x2.5 PVC power cable, with a matt black outer sheath, rated up to 300/500V suitable for connection of lighting technology and dimmer racks. We have produced this cable specifically for the lighting connectors, the cores and the earth are positioned so they easily line up with the pins on the connectors allowing for a quick and reliable production. Lapp Light Flex is held in stock on bulk drums and can be then cut to your exact length to avoid wastage.

As well as the Lapp Light Flex we can also supply a full range of coloured and number coded control cables with a black outer sheath for use in other areas of lighting and event applications.



Lapp Light Flex Harnessed Leads

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.

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. Stock lengths range from 5 metres to 40 metres in 5 metre increments, and as we stock both the cable and connectors we can also supply bespoke lengths to your exact requirements.

The Phase 3 19 pin connectors supplied with the harnesses have been developed to offer the highest levels of reliability and safety. The robust construction ensures continual and reliable operation. The rugged design has been tailored specifically for professional touring applications, and this has ensured that the P3-19 series in more than up to the challenge of life on the road.

Features:

- Socapex SL 419 compatible
- High impact all machined shells
- 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





The Lapp Group can also supply special leads for video, audio and power applications, as well as complex combination cables providing a comprehensive product portfolio for the most varied application on the stage, in the studio, light and power mixers, DMX, microphones and loudspeakers.

ETHERLINE® FD CAT 5 cable for the EtherSound standard

Costly and heavy multi-core audio connections between the stage and the soundboard are finally a thing of the past. Lapp Group can offer the ETHERLINE® FD CAT 5 cable, which has been specially designed for the EtherSound standard (up to 64 audio channels at 24 Bit/s with 48 KHz scanning rate). The black ETHERLINE® FD P CAT 5 cable combines an extremely robust construction with high flexibility. ETHERLINE® FD CAT 5 cable is ideally suited for outdoor applications due to its UV resistant Black Polyurethane outer sheath.

What is EtherSound?

EtherSound is an elegantly simple and open standard for networking digital audio. Fully compliant with the Ethernet standard (IEEE 802.3), EtherSound leverages the investment of high-tech computing and telecommunications corporations on behalf of the pro audio industry. Professional audio applications such as live sound, recording and broadcast productions demand ultra-low latency and EtherSound delivers: input-to-output transmission time is six samples (125 microseconds at 48 kHz), regardless of the number of channels transmitted. EtherSound provides bi-directional transmission, high data capacity at mixed sample rates and powerful control functions. As Ethernet evolves, EtherSound keeps pace, because the network interface is implemented in FPGA (Field Programmable Gate Array) firmware.





H07RN-F Rubber Cable

As more external events are taking place, especially Summer music festivals, we are seeing an increase in the requirement for a more rugged and wear resistant cable. Thanks to its extraordinary flexibility and mechanical strength, the Lapp H07RN-F cable is ideal for power transmission in both fixed and flexible installations. This cable has been manufactured using compounds which are designed to withstand all weather conditions, most oils and greases, mechanical and thermal stresses. This makes it a great all-purpose power cable for severe applications. These tough rubber sheathed cables conform to the CENELEC Common European regulations. With this increase demand in mind Lapp are now holding larger stocks of a variety of the H07RN-F, including single cores from 35mm² up to 240mm² and multi-core from 3x1mm² up to 4x95mm².

POWERSAFE Connectors

To compliment the range of single core rubber cables Lapp can also supply a range of Powersafe high current single pole connectors for use on portable generators and temporary power supplies. These connectors are available in either 500Amp or 800Amp rating, with a voltage up to 1000 volts. The range includes straight connectors and panel mount connectors for line drain and line source.

Features:

- Colour coded for Europe and UK (Harmonised)
- Mechanically keyed to prevent connection errors
- Flame retardant UL94-V0
- Locking mechanism to prevent accidental disconnection under load
- Finger proof contacts on both genders to prevent access to electrical currents when uncoupled
- Screw terminations to facilitate cables from 25mm² to 300mm²
- Silver Plated contacts
- High Impact bodies
- Integral cable strain relief
- Metric EN compliant cable glands, with increased cable clamping range
- No Special tools required for assembly

As with our lighting harnesses we are able to offer pre-made lengths of a single core H07RN-F and the Powersafe connector to suit. For an accurate quote contact us with your exact requirements.





LAPP GROUP



ÖLFLEX® HEAT 180 EWKF

The ÖLFLEX® HEAT 180 EWKF has a tough black outer sheath, making it more wear and tear resistant than standard Silicone cables. This cable can be used in high temperature areas where PVC insulated cables become brittle due to the increased temperature. Making this cable suitable for equipment that can generate heat such as the power leads on lanterns and spotlights.

The cable is halogen free and low in smoke and is therefore an ideal choice for use in public buildings and arenas and situations where a rugged halogen free cable is required.

SKINTOP® ST-M & STR-M

Manufactured from tough nylon materials the Lapp range of SKINTOP® glands offers many advantages over conventional stuffing glands. The glands feature a unique patented anti-vibration lock and due to their high IP rating (IP68 & IP69K) can be used in a variety of dry or wet industrial environments. They are used in substantial volumes on panels, switches, control equipment and within the machine tool industry.



EPIC® Industrial Connectors

In addition to stocking the P-3 19 Pin and Powersafe connectors, Lapp also manufacture a full range of rectangular and circular connectors for industrial environments. These connectors are universal in their use and range from 2 to 216 pole with currents up to 82Amps and voltages up to 1000Volts. This flexible system of housings, inserts and contacts come together to offer a robust, secure and easy to assemble solution. With the EPIC® connectors, you can be assured of the perfect connection time after time.



For more information on all our products suitable for Stage and Event lighting, please visit our website www.lappgroup.co.uk or www.lappgroup.ie

Or contact our sales office

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