

## Product Description

The Orion series power cables are flexible and mainly recommended for use in electrical equipment under low stress in dry, damp and wet areas in indoor or outdoor environments. Commonly used for connection of high voltage luminaires. The cable is also suitable for fixed installation.

> Standard Ship - 30 Day Lead Time

Project:		Type:
Location:		
Prepared By:		Date:
Comments:		

## Power Cable Features

## ORION POWER EXTENSION CABLE SERIES

Professional Quality Power Extension Cables

**Twilight Series Compatible**

- Suitable for linkable use with Twilight fixtures
- Excellent commercial grade cable for extending cord lengths
- Same stock cable to attach to Vivid Leds Twilight fixtures
- 18AWG, SJTW, 8mm connector diameter, 3 cores
- Temperature, water & UV resistant, suitable for indoor or outdoor use
- Extra flexible for ease-of-installation and ease-of-use
- Harmonized, medium-duty, rubber insulated, with black neoprene jacket
- Copper core, ozone resistant, oil & fat resistant to touch
- IP68 features quality PVC LLT twist-lock connectors
- All cable lengths are male to female with included connector
- Strands to VDE-0295 class 5, IEC 60228 CI-5
- Rubber core insulation to VDE-0282 Part 1
- Working voltage: 100-277 VAC
- Temperature range: -30C to +105C
- Flame retardant: IEC 60332.1
- Certifications: HAR, VDE, CE, EEC, IEC, RoHS



## Models:

- WVD31908FR - 3' IP68 Power Cable
- WVD31909FR - 6' IP68 Power Cable
- WVD31910FR - 10' IP68 Power Cable
- WVD31911FR - 17' IP68 Power Cable
- WVD31912FR - 33' IP68 Power Cable
- WVD31913FR - 50' IP68 Power Cable
- WVD31915FR - 65' IP68 Power Cable
- WVD31916FR - 80' IP68 Power Cable
- WVD31917FR - 100' IP68 Power Cable
- WDMFENDS70FR - IP68 Power Connectors (For Bulk Cable - Pair M/F)\*
- WDPWRBLKFR - Indoor/Outdoor Bulk Power Cable - sold by the foot

\*Connectors require soldering.

## Cautions

- For outdoor use, it is recommended to heat shrink over all connectors for a long life installation.
- The power cable is rated at 5 amps. Caution needs to be taken not to overload the linkable connection.
- More than one power input may be needed. For example, using 40W fixtures, you can only link 14 fixtures at 110V. If the project is based on 110V, the safe current of the power cable is 5A, the calculation formula is:  $110V \times 5A = 550W$ ,  $550W / 40W = 14$  fixtures. If the project is based on 277V, the calculation formula is:  $277V \times 5A = 1385W$ ,  $1385W / 40W = 35$  fixtures.
- Check local building and electrical codes before assuming these cables can be used for your project.



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