

PL SERIES

Connectors for Single Core Cables to 150mm²

APPLICATIONS:

Temporary Power Supply Suitable for use for temporary power connections in the entertainment industry and industrial sites.

Mining With the ability to daisy chain and extend single core flexible cables, these connectors are suitable for mine pit extensions.

PRODUCT FEATURES:

- ▶ Current rating 500 Amp @ 70°C (800 Amp available on request)
- ▶ Super high impact flame retardant thermoplastic insulators
- ▶ Individually keyed and colour coded to eliminate accidental cross mating
- ▶ Secondary locking pin to prevent unintentional uncoupling through cable torsion
- ▶ Multi contact with 23 spring loaded active elements to allow low insertion force
- ▶ Minimal power loss with insulation resistance > 5 ohms @ 500 V DC
- ▶ Protective caps & IP environmental dustcaps available on request
- ▶ CE Directive

CONSTRUCTION:

Super high impact flame retardant thermoplastic insulators. Each connector type colour coded and individually keyed to eliminate the possibility of accidental cross mating. Secondary locking pin to prevent unintentional uncoupling through cable torsion or inquisitive hands. Multipoint contact with 23 spring loaded active elements to allow low insertion force and minimal power loss with insulation resistance > 5 ohms @ 500 V DC.

CHARACTERISTICS:

Operating Temperature Range -30°C to 125°C.

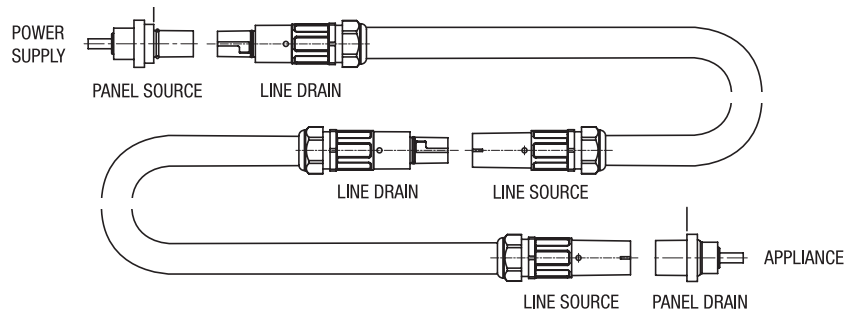
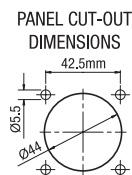
Flammability UL94 - VO.

Protection Class

Ingress IP67 (when mated) in accordance with EN60529.

Electric Shock IP2X with dead front insulated tip on contact element on items designated PANEL SOURCE and LINE SOURCE.

Max Rated Voltage to Earth 2kV AC / 3kV DC.



Line Source

Code	Colour
PLLSRD	Red
PLLSWH	White
PLLSBL	Blue
PLLSBK	Black
PLLSGN	Green



Panel Source

Code	Colour
PLPSRD	Red
PLPSWH	White
PLPSBL	Blue
PLPSBK	Black
PLPSGN	Green



Line Drain

Code	Colour
PLLDRD	Red
PLLDWH	White
PLLDBL	Blue
PLLDBK	Black
PLLDGN	Green



Panel Drain

Code	Colour
PLPDRD	Red
PLPDWH	White
PLPDBL	Blue
PLPDBK	Black
PLPDGN	Green



Firstflex has taken every precaution to ensure accurate information in this catalogue, but accept no liability for any errors or omissions. Firstflex reserves the right to modify specifications at any time.