



CONNECT EVERY PERFECT MOMENT



PROFESSIONAL ENTERTAINMENT CONNECTORS



K-LOK



Mini Cam



Powerfit



19-Pin



Stage Pin



K-LOK | SINGLE POLE CONNECTOR

Kupo manufactures the highest quality single pole connectors available. Kupo cam-type connector has a superior non-conductive retaining screw that passed through the entire contact for extremely durability. K-LOK single pole connectors have been designed with ease of assembly and disassembly in mind, no special tools are required. K-LOK series connectors are compatible with major brands of CAM products.



► TECHNICAL INFORMATION ►►

Voltage Rating	600V Maximum	Contact Material	Brass
Amperage Rating	400A Maximum	Terminal Accommodation	#6, #4, #2, 2/0, 4/0
Base Compound	Santoprene 105 °C rated	Retaining Pin Material	Phenolic



To fit smaller sizes of cable, the brass contact can be made with two smaller dimensions of cable-accessing hole upon request as following :

- Dia. 16.90 mm
(Large hole; standard K-LOK)
- Dia. 14.60 mm
(Medium hole; upon request)
- Dia. 10.40 mm
(Small hole; upon request)

- Compatible with major brands of single pole cam type power connectors -



CONNECTOR

K-LOK



K-LOK | PLUG

■ MALE : KL-400LMR
■ FEMALE : KL-400LFR
■ COLOR : Red



K-LOK | PLUG

■ MALE : KL-400LMW
■ FEMALE : KL-400LFW
■ COLOR : White



K-LOK | PLUG

■ MALE : KL-400LMB
■ FEMALE : KL-400LFB
■ COLOR : Blue



K-LOK | PLUG

■ MALE : KL-400LMBK
■ FEMALE : KL-400LFBK
■ COLOR : Black



K-LOK | PLUG

■ MALE : KL-400LMG
■ FEMALE : KL-400LFG
■ COLOR : Green



K-LOK | PLUG

■ MALE : KL-400LMBN
■ FEMALE : KL-400LFBN
■ COLOR : Brown



K-LOK | PLUG

■ MALE : KL-400LMGY
■ FEMALE : KL-400LFGY
■ COLOR : Gray

THREAD STUD TYPE



► K-LOK RECEPTACLES ►

MALE	FEMALE	COLOR
KL-400SMBK	KL-400SFBK	Black
KL-400SMR	KL-400SFR	Red
KL-400SMG	KL-400SFG	Green
KL-400SMW	KL-400SFW	White
KL-400SMB	KL-400SFB	Blue
KL-400SMBN	KL-400SFBN	Brown
KL-400SMGY	KL-400SFGY	Gray

Double set screw type also available

K-LOK|DUST COVER

Weatherproof snap back protective cover to fit all compatible brands of 400A cam type receptacles. The gasket offers a NEMA 3R rated environmental seal that provides a protection against falling rain, dust or frost, and also provides a safe way to cover exposed metal, while keeping the weather out when the receptacle is not use. Made from a high impact resistant, flame retardant ABS material and corrosion resistant stainless steel hardware.

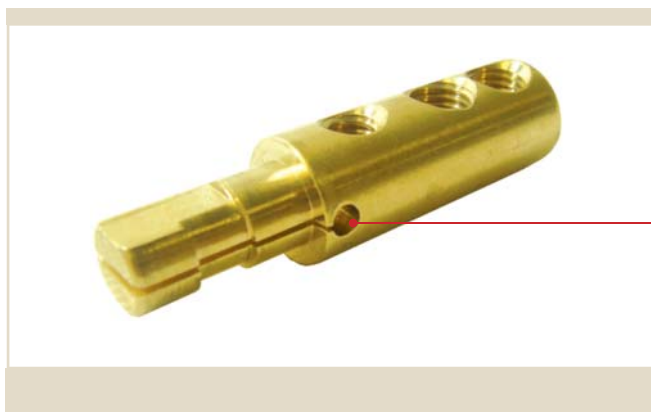
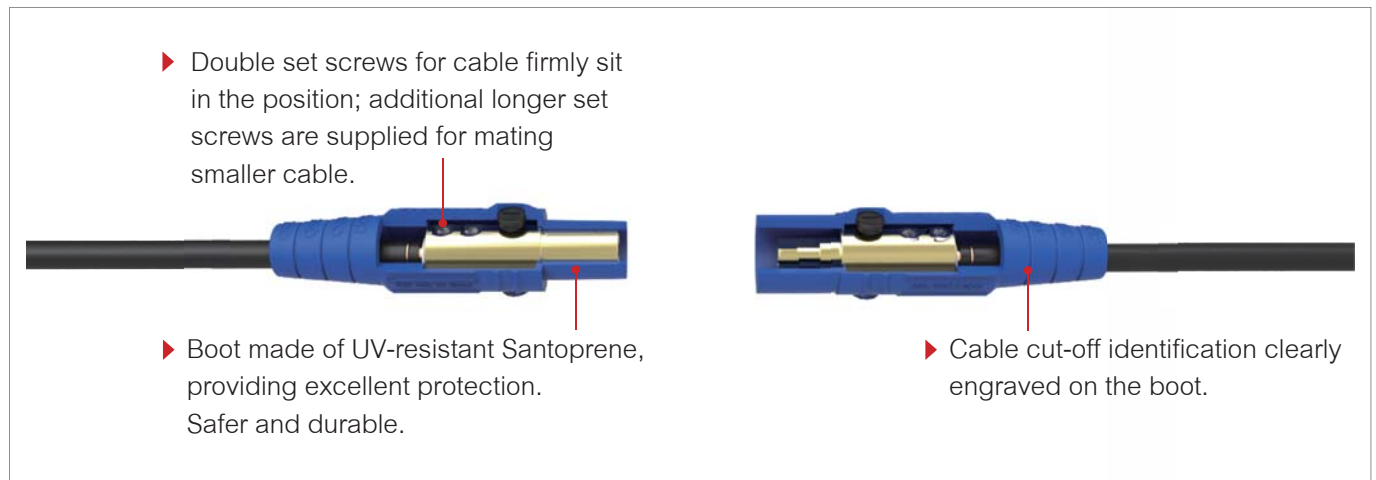


KL-DCR ■ RED | KL-DCBK ■ BLACK | KL-DCW ■ WHITE | KL-DCGY ■ GRAY | KL-DCB ■ BLUE | KL-DCG ■ GREEN | KL-DCBN ■ BROWN



KUPO 150A | SINGLE POLE CONNECTOR (Mini-Cam)

Mini-Cam is a series of 150 Amp light duty single pole connector in addition to heavy duty 400 Amp ones. Like its heavy duty family members, Mini-Cam is also constructed of Santoprene, possessing a superior performance in insulation. With enhanced features on safety designs and wider range of cable accommodation, Mini-Cam is the ideal and reliable connector for your own job.



- The tension hole at rear side of split contact retains the contact from too much pressure, so as to prevent the loose mating after several time of uses.



TECHNICAL INFORMATION

Voltage Rating: 600V Maximum

Amperage Rating: 150A Maximum

Base Compound: Santoprene 105C Rated

Contact Material: Brass

Terminal Accommodation: #8, #6, #4, #2

Retaining Pin Material: Phenolic

FEATURES:

- Cable accommodation from #8 AWG to #2 AWG (for cable outside diameter up to 13.60mm)
- POM (Polyformaldehyde) ring is two times longer than others for fully encompassing the brass contact for excellent insulation
- Housing with large ribs for comfort gripping; prolonged body helps user to hold it firmly
- Two additional longer set screws are supplied for maximum flexibility when smaller cable is used
- Compatible with other brands of 150A cam-type connector
- UL/cUL certified



▶ MINI-CAM | PIUG ▶▶

MALE	FEMALE	COLOR
KL-150LMBK	KL-150LFBK	Black
KL-150LMR	KL-150LFR	Red
KL-150LMG	KL-150LFG	Green
KL-150LMW	KL-150LFW	White
KL-150LMB	KL-150LFB	Blue
KL-150LMBN	KL-150LFBN	Brown
KL-150LMGY	KL-150LFGY	Gray

PANEL MOUNT TYPE

- The instruction on the backside of body.
- The thread bolt is 19 mm.



▶ MINI-CAM | RECEPTACLE ▶▶

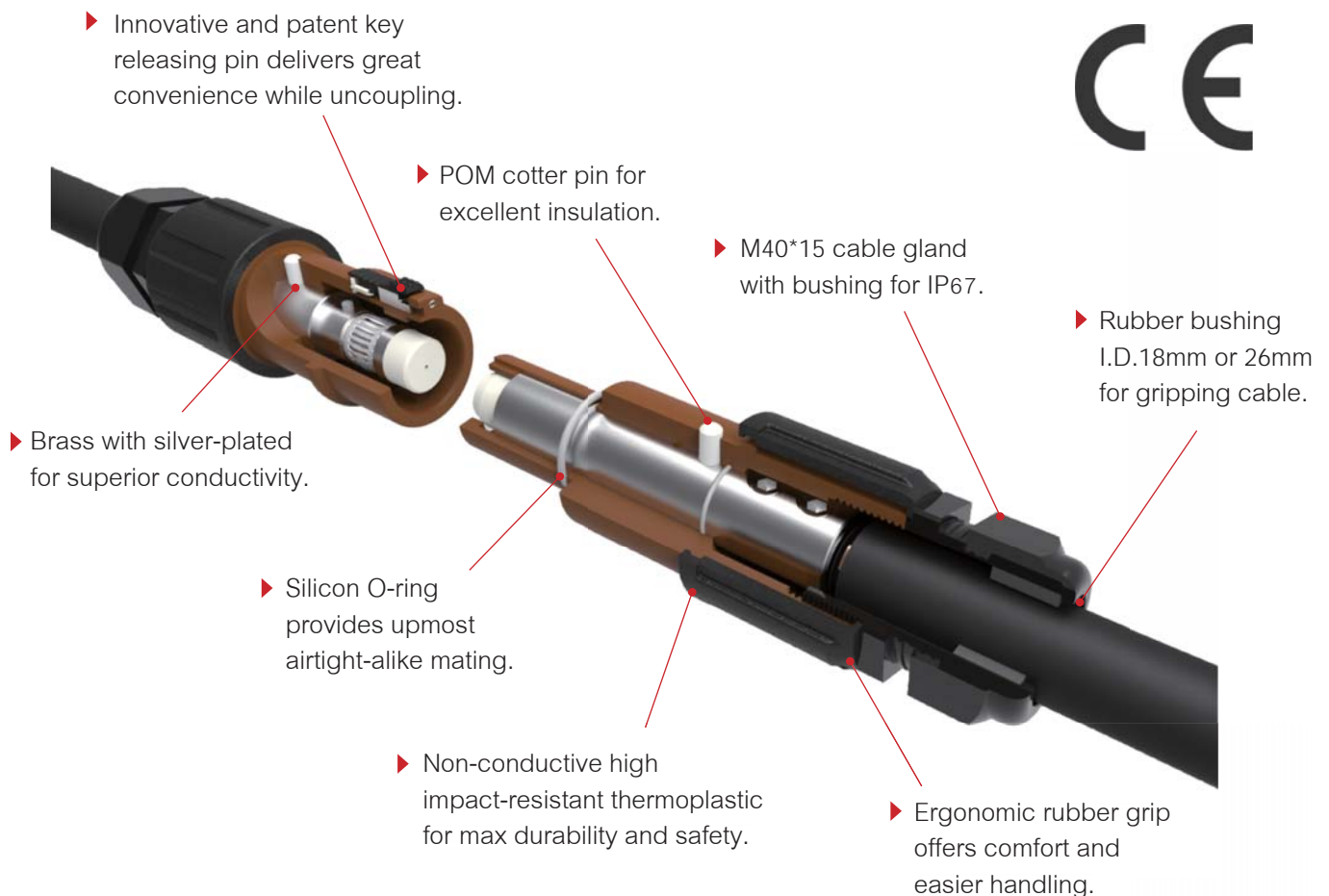
MALE	FEMALE	COLOR
KL-150SMBK	KL-150SFBK	Black
KL-150SMR	KL-150SFR	Red
KL-150SMG	KL-150SFG	Green
KL-150SMW	KL-150SFW	White
KL-150SMB	KL-150SFB	Blue
KL-150SMBN	KL-150SFBN	Brown
KL-150SMGY	KL-150SFGY	Gray



POWERFIT 400AMP CONNECTORS

PowerFit connectors are well fabricated and compatible with major brands of single-pole power connector. The invented patent key releasing pin, particularly embedded on each line source and panel source, delivers great safety and convenience without additional tool while uncoupling.

PowerFit is made in high standards. Full series employ high impact and temperature resistance thermoplastic, with flame retardant compound. Ergonomic rubber hand grip on each line connector provides the great comfort to the utility. The M40 cable gland comes standard and while connectors mated, it becomes IP67 rated. Unsurpassed pushing button design makes the handling of coupling and uncoupling easier. Respective phase and line information is clearly marked on the connectors for easy identification. The contact is made of brass with silver plated, providing excellent conductivity. Cotter pin is made of POM featuring great insulation, high stiffness, low friction and absorbent.



Innovative push-to-release design makes the uncoupling handy without additional Tool. This can be dismantled through small slotted screwdriver if needed.



TECHNICAL INFORMATION

- Current Rating: 400A continuous with 120 mmsq cable
- Withstanding Voltage: 1000Vac
- Test Voltage: 4500Vac
- Short Circuit Rating: Up to 35.5kA
- Insulation Resistance: > 5000 M Ohms at 500Vac
- Contact Resistance: <0.1m Ohms
- IP rating while mated: IP67
- Contact Material: Brass with silver plated
- Housing Material: High Impact Resistant Thermoplastic
- Cotter Pin Material: POM
- Working Temperature: -45 to 85 Degree C
- Contact Type: Set Screw
- Set Screw Torque on Brass Contact: 10.5 N/meter (minimum required)
- Mating Cycle: > 500
- Flammability: UL94-V0
- CE and RoHS compliant



■ LINE 1-Line Source | ■ LINE 2-Line Source | ■ LINE 3-Line Source | ■ NEUTRAL-Line Source | ■ EARTH-Line Source



■ LINE 1-Line Drain | ■ LINE 2-Line Drain | ■ LINE 3-Line Drain | ■ NEUTRAL-Line Drain | ■ EARTH-Line Drain



■ LINE 1-Panel Source | ■ LINE 2-Panel Source | ■ LINE 3-Panel Source | ■ NEUTRAL-Panel Source | ■ EARTH-Panel Source



■ LINE 1-Panel Drain | ■ LINE 2-Panel Drain | ■ LINE 3-Panel Drain | ■ NEUTRAL-Panel Drain | ■ EARTH-Panel Drain



PLS 19-PIN | CONNECTOR SERIES

► SOLDER TYPE



TECHNICAL INFORMATION:

- Rated Voltage: AC 20A 250V
- Operating Limit Voltage: AC 400V
- Insulation Resistance: > 2000 M Ohms
- Contact Resistance: < 3 M Ohms

- Rated Voltage: AC 20A 250V
- Operating Limit Voltage: AC 400V
- Insulation Resistance: > 2000 M Ohms
- Contact Resistance: < 3 M Ohms

FEATURES:

- Rugged die-casted aluminum alloy shells, with black non-conductive finish, making cable assembly most convenient with two-shell design
- Hard gold-plated copper alloy machined contact, for both solder and crimp type, ensures the excellent conductivity.
- Non-conductive first grade Bakelite (Neoprene for crimp type) provides great insulation
- Integral-compressed strain relief handles wide range of cable sizes
- Extended ground contact at female side ensures “mate first, break last” for safety operation
- Compatible with Socapex “419” and Veam “VSC” connectors
- Feasible for PG29 cable gland
- Crimp contacts are available for purchase separately
- UL / cUL listed



CONNECTOR 19-PIN

WPC 19-PIN | CONNECTOR SERIES

FEATURES:

- Mono-piece body is fabricated of rigid die-casted aluminum alloy, offering alternative choice for weather-oriented applications.
- Watertight (IP67) is achieved with a cable gland (FPG-42) affixed to the cable entry point
- Compatible with Kupo's PLS and WPS series, as well as Socapex 419 and Veam VSC connectors
- Hard gold-plated copper alloy machined contact, ensures the excellent conductivity.
- Non-conductive first grade Bakelite provides great insulation
- Extended ground contact at female side ensures "mate first, break last" for safety operation
- Available in solder type only
- UL listed



WPC-5219LF
+ FPG-42



WPC-5219LM
+ FPG-42



WPC-5219SF

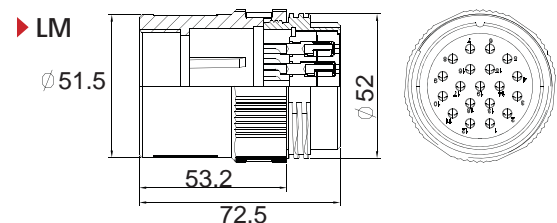
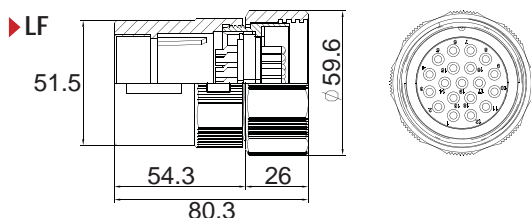
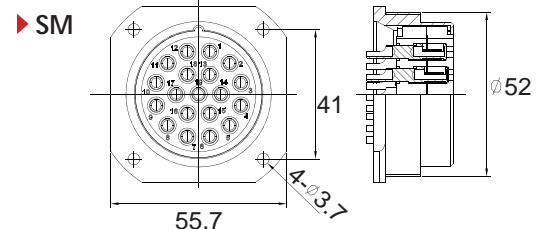
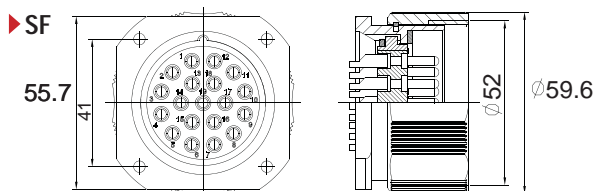


WPC-5219SM

WPC CONTACT PIN OUTSTANDING FEATURE:



- Military grade craftsmanship with precisely-machined fabrication
- High conductive copper alloy with 24K gold plated
- Advanced split design for female contact, with greater mating area and less resistance





KC 7-PIN | MOTOR CABLE CONNECTOR

Kupo PLS-4207 multiple connectors are often applied to combine chain hoist power and control cable as one. It makes a safe, compact and quick setup rigging. Two rugged die cast aluminum alloy half shells in black non-conductive finish for easy cable assembly. Hard gold plated contacts in soldering version and fully compatible with Socapax SL37 family. The extended female ground contacts allow making first / breaking last.

Recommend pin-out for 7pin motor connector:

PINOUT:

- | | |
|--------|------------------|
| 1 = L1 | 4 = MOTOR UP |
| 2 = L2 | 5 = GROUND |
| 3 = L3 | 6 = MOTOR COMMON |
| | 7 = MOTOR DOWN |



- ▶ The reinforced locking tab on insert disk and keyway offer a spinning resistance.



- ▶ Casting shell inside with a body grounding boss guarantees full safety.



PLS-4207LM



PLS-4207SF



PLS-4207LF

Operating Temperature: -40 + 85°C

Touch Tension: 2kgs

Pressure: 1800 Vac/min

Terminal Wear: 5000 + Connections

IMPORTANT NOTE:

There is no industry standard wiring for chain hoist using 7pin connector. Since mixing gear from different suppliers is a common practice, you should always double check the equipment and not assume the wiring is correct or has been changed. 7-pin connectors carry power and control together and there is a potential for harming the equipment or the operator if the wiring configuration is not confirmed.

ELECTRICAL CHARACTERISTICS

Rated Current/voltage	6 x 25A + 1 x 50A 250V
Operation Limit Voltage (Ac. V. Rms)	250
Withstanding Voltage (Ac. V. Rms)	2000
Insulation Resistance (MΩMin) At Dc 500v	2000
Contact Resistance (MΩMin) At Dc 1a	3
Number Of Contacts: 7 Contacts	6 x 16 AWG + 1 x 12 AWG



20 AMP INLINE PLUGS AND CONNECTORS

FEATURES:

- Ergonomic design for comfortable handle
- Compatible with all other 20 Amp Connectors
- Clearly marked terminals in accordance NEC to prevent mis-wiring Cable entry accepts 12 / 3 hard cable
- Crimpless pressure terminal reduces the associated with ring terminals; Wider wiring chamber for easier to wire
- Connector body is made of high thermoplastic (material rated at 250 degree C); Free from melt and break down
- Female sleeves are split to make a spring that exerts pressure on the male pin over the life of the device; Even a crushed pin will make contact in female device
- Brass pins are removable and can be replace if damaged pins float in housing for easier alignment and low resistance



20 AMP PANEL MOUNT STAGE PIN CONNECTOR

FEATURES:

- Precision machined solid brass contacts
- Precisely fit the industry standard panel cut-out
- Self-grounding mounting clip eliminates the need for a separate ground wire
- Stripped conductors could be inserted through the cross-hole for pressure termination using wire shoes, which are included
- Both males and females with a screw-driven mounting clip provides quick and easy mounting or removal from panels of various thickness
- Ring terminations are also available for panel mount devices





TURN-LOK | NEMA LOCKING CONNECTOR

TURN-LOK connectors are the choice for quality electrical demand. UL and cUL listed, and also made to comply with NEMA 20A and 30A configuration. It is constructed of sturdy Nylon, PBT (thermoplastic) and premium grade of copper alloy, ensuring the durability and reliability for power connection. Turn-Lok is available in both receptacles and plugs for voltage AC125 / 250V, and covering up the needs for single and three phase applications.

FEATURES:

- Ribbed main body for firm and secure gripping
- Screw-type cord grip for maximum tightening force
- Constructed of PBT (thermoplastic) and Nylon or greater impact-resistance and insulation

SPECIFICATION:

- Terminal screw: #10 screws bronze
- Material: Nylon and PBT (thermoplastic) for line male and female; PBT only for socket receptacle
- Wire accommodation: AWG #12 wire (for 20A connectors) / AWG #10 wire (for 30A connectors)
- Terminals : 1.8 mm Copper alloy for 30A line male/female, 1.6 mm copper alloy for 20A line male / female, 1.2 mm copper alloy for receptacle



► LOCKING PLUG ►►

PART NUMBER	ATL-520LP	ATL-620LP	ATL-530LP	ATL-630LP	ATL1420LP	ATL-1430LP
PICTURE						
PIN	3			4		
AMP	20		30		20	30
VOLTAGE	125	250	125	250	125	250
NEMA	L5-20P	L6-20P	L5-30P	L6-30P	L14-20P	L14-30P

► LOCKING RECEPTACLE ►►

PART NUMBER	ATL-520R	ATL-620R	ATL-530R	ATL-630R	ATL1420R	ATL-1430R
PICTURE						
PIN	3			4		
AMP	20		30		20	30
VOLTAGE	125	250	125	250	125	250
NEMA	L5-20R	L6-20R	L5-30R	L6-30R	L14-20R	L14-30R



► **LOCKING CORD CONNECTOR** ►►

PART NUMBER	ATL-520C	ATL-620C	ATL-530C	ATL-630C	ATL1420C	ATL-1430C
PICTURE						
PIN	3				4	
AMP	20		30		20	30
VOLTAGE	125	250	125	250	125	250
NEMA	L5-20C	L6-20C	L5-30C	L6-30C	L14-20C	L14-30C

► **LOCKING CORD CONNECTOR MALE** ►►

PART NUMBER	ATL-515P	ATL-520P	ATL-615P	ATL-620P
PICTURE				
PIN	3			
AMP	15	20	15	20
VOLTAGE	125		250	
NEMA	5-15P	5-20P	6-15P	6-20P

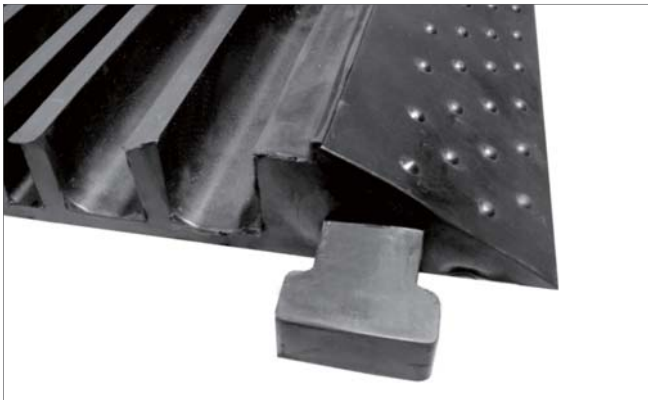
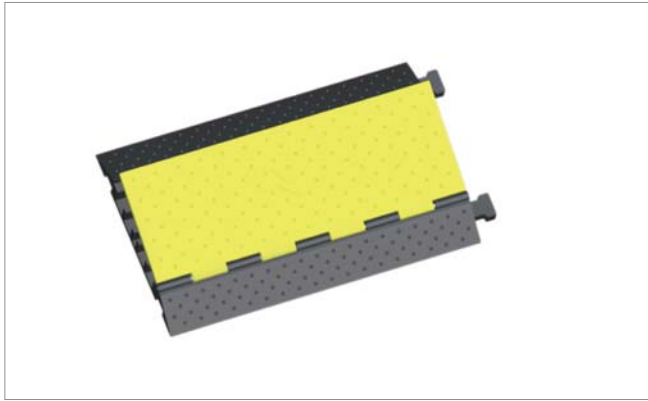
► **LOCKING CORD CONNECTOR MALE** ►►

PART NUMBER	ATL-515CF	ATL-520CF	ATL-615CF	ATL-620CF
PICTURE				
PIN	3			
AMP	15	20	15	20
VOLTAGE	125		250	
NEMA	5-15C	5-20C	6-15C	6-20C

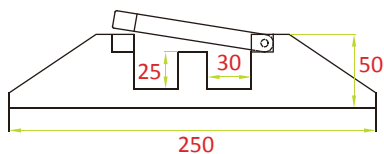


CABLE CROSSOVER

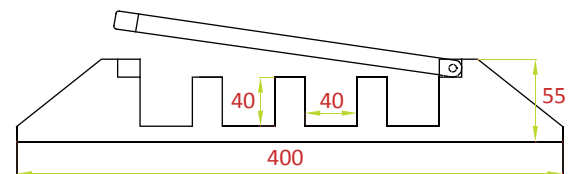
The cable crossover is built to protect cables from moisture, oils, solvents, and frame as a shield for impact resistance and load bearing. Kupo have diverse cable crossovers which are made of high density press-molded latex, backed with sturdy visible orange lid. Each has dog bone connector ends to get connected to create any desired length. Easy to operate; protect the cable through the doorway and eliminate the damage. Operation temperature is -40 C° to 49 C° degree and the load bearing capacity is 2,000 kgs.



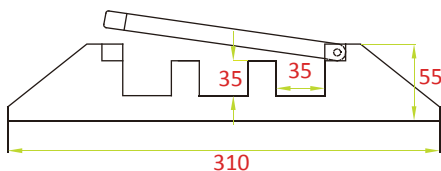
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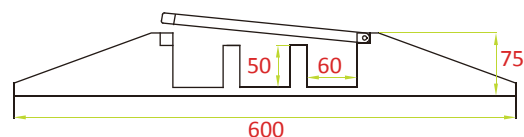
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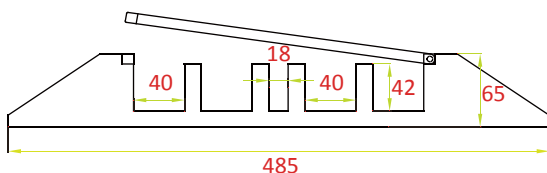
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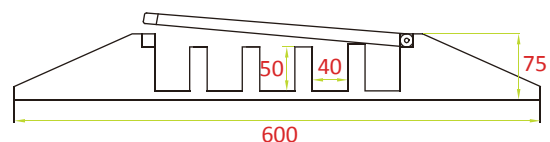
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KCG-501-B 5 CABLE DUCTS



KCG-501-B (BIG) 5 CABLE DUCTS





POWER & CABLE MANAGEMENT

GAFFA TAPE / CABLE TIE & CLIP

Kupo delivers greatly versatile and most popular Gaffa Tape for holding and sealing needs in professional stage, photography, motion picture and television industries. With compound materials of natural rubber and synthetic resin, it has excellent tack and adhesion performance in wider temperature condition. Kupo Gaffa Tape has the highest tensile strength of any others, but also features easy-to-tear.

FEATURES:

- Backing Material: Cloth with PE coated
- Adhesive: Natural rubber base
- Heat Resistance: 80 degree C / 180 min
- Tensile Strength: 12.5 (KGF / 25 mm)
- Feasible for smooth, rough and irregular surface
- Non-transferring adhesive tape; clean removal, leaving without residual



▶ Gaffa Tape

GT-550 / 48 mm x 50 m
Available in Black, Red, Gray, White, Blue, Green



▶ Matte Gaffa Tape

GTM-550 / 48 mm x 50 m
Available in Black, Gray, Blue, Green



▶ Anti-Slip Tape

GT-550AS / 48 mm x 50 m
Available in Black/Yellow

EZ TIE

EZ-Tie is made by Swiss-made looms and strictly quality control to assure consistent quality with superior performance. Hook is made from A grade Nylon and has high peel and shear values with extended cycle life with average 55 hooks per sq inch. The Un-Napped loop brings a very high cycle life with average 42 woofs per sq inch. EZ-TIE has been tested under +93 degree C and -56.7 degree C for lasting 1000 hrs matting without failed. The working temperature from 80 degree C to -20 degree C. High cycle life with over 10,000 closures.



MEZ TIE

MEZ Tie features molded precise hook, which is lighter and thinner than EZ Tie. The gap between hook and loop is only 1mm, whereas EZ Tie is about 2~3 mm. Though it is thin, it still provides fasten thoroughly and super strong shear strength. (average over 1200 g / sq.cm)



- ▶ 13 x 200 mm; available in Black, Red, Yellow, Blue, White (50 pcs per pack)

- ▶ **SMALL:** 2.0 x 41 cm; available in Black, Red, Yellow, Blue, White (10 pcs per pack)
- ▶ **BIG:** 5.0 x 60 cm; available in Black, Red, Yellow, Blue, White (5 pcs per pack)



- PRODUCT CATALOGUE -

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