

# CONNECTOR GLOSSARY

Below are some of the many connectors in the powersport industry, including pictures of the male and female ends.

## Alligator Clips

Mostly used as a temporary connection for vehicle battery terminals.



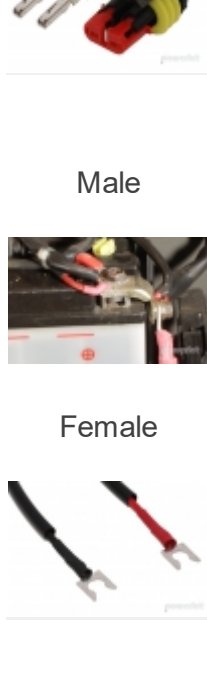
## Amp BMW Right Angle

This connector plugs into factory sockets on BMW motorcycles from the early 90's until mid 2005.



## Amp Superseal 2-Pin

Found on some Ducati models and Giall heated clothing. Superseal series 1.5



## Battery Terminals

The electrical connection point on the battery.



## Black T

Uses 1/4" spade terminals in a "T" configuration. Used by Powrelet and some vehicle manufacturers like Victory, Aprilia and Triumph. (Same as white T in all ways but color.)



## Bullet

These connectors are found on some Kawasaki vehicles.



## Cigarette Cable 22.2mm

Powerlet only uses 21mm for a tight fit, 22.2mm have loose fit and may disconnect with vibration.



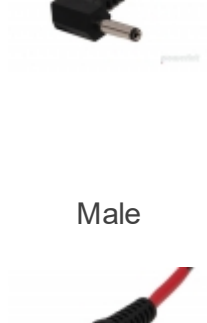
## Cigarette Cable Mount

Powerlet only uses 21mm for a tight fit, 22.2mm have loose fit and may disconnect with vibration.



## Cigarette Panel Automotive

Powerlet only uses 21mm for a tight fit, 22.2mm have loose fit and may disconnect with vibration.



## Cigarette Panel Powerlet

Powerlet only uses 21mm for a tight fit, 22.2mm have loose fit and may disconnect with vibration.



## Coax 1032

Found on some Magellan GPS units these connectors are 1.0mm x 3.2mm.



## Coax 1335

Used by many radar detectors and some Magellan GPS units these connectors are 1.3mm x 3.5mm.



## Coax 2155

Found on Chatterbox and Mix-It mixers, these connectors are 2.1mm x 5.5mm.



## Coax 2555

Primarily used by heated clothing these barrel connectors are 2.5mm x 5.5mm x10mm.



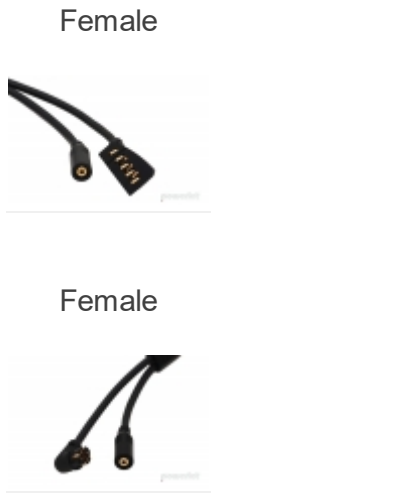
## Compatible With Powerlet 15 A

Fully compatible with Powerlet connectors, these 15 amp connectors follow the DIN ISO standard.



## Compatible With Powerlet 5 A

Physically compatible with Powerlet connectors, these are not electrically DIN ISO compliant.



## Deutsch 4-Pin

Found on many Harley-Davidsons.



## Garmin 18-Pin Flat

Found on many Garmin models including C 530, and the Nuvi 660.



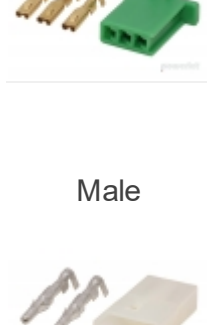
## Garmin 4-Pin Flat

3.3 Volt



## Garmin 4-Pin Round

Found on many older Garmin models.



## Garmin 4-Pin Round Mini

Found on Garmin Rhino models.



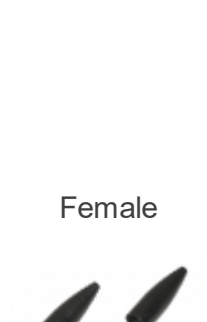
## Garmin 4-Pin Round Zumo

Found on Garmin Zumo models.



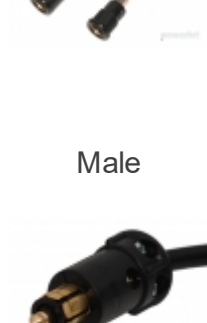
## Garmin 7-Pin Flat

Found on many Garmin models including the 2610, 2720, and 2820.



## Garmin 9-Pin Round

Found on many Garmin models including 276, 376 and 478.



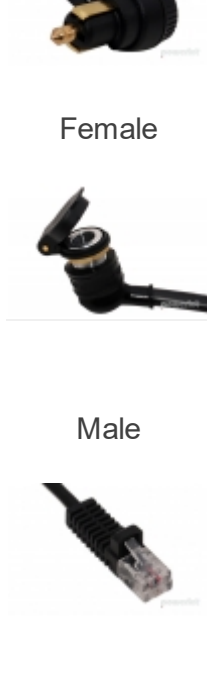
## Garmin Mini USB

Physically like a standard miniUSB however this has an internal resistor to trigger power circuit.



## Hitachi 2-Pin

Found on GL1500's behind the front glove box.



## Hitachi 3-Pin

Found on GL1800's behind the front glove box.



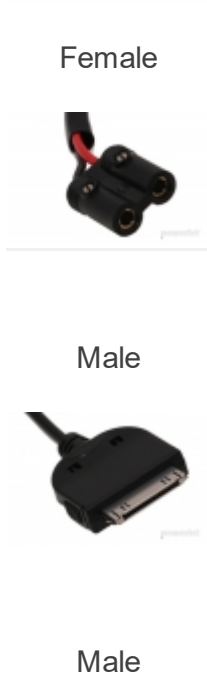
## Molex - House Type

White "house" shaped connector. Used by older Battery Tender chargers and many trickle chargers.



## Molex - Toy Car Type

Found on OptiMate and AccuMate battery chargers. Charger has a male housing with female pins.



## Packard 1-pin

Used on Harley Davidson B+ connections.

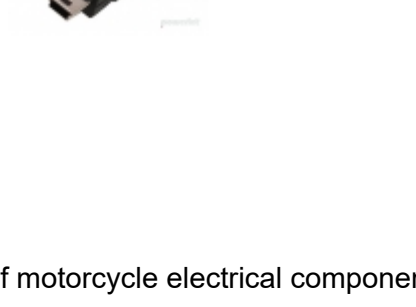
## Powerlet Cable Mounted

Cable Mounted (PSO-004) Powerlet socket.



## Powerlet 15 A

Powersport Standard Connectors are fully DIN ISO standard compliant. Rated for 15 amps.



## Powerlet Low Profile

Powersport Standard Connectors are available in both a low profile plug and low profile socket.



## RJ-11

Found on Escort, Valentine 1 and some Beltronics radar detectors this connector is 0.38" wide.



## SAE 2-Pin

Often called "trailer connectors", these are used on Powerlet Luggage Electrix, Battery Tenders, Yuasa battery chargers and some heated clothing.



## TomTom Rider

Used on the TomTom motorcycle GPS units.



## White T

Uses 1/4" spade terminals in a "T" configuration. Used by Powrelet and some vehicle manufacturers like Victory, Aprilia and Triumph.



## Widder

These non-polarized connectors are used on Widder heated clothing. Easy to reverse polarity.



## iPhone 3G 3Gs

Used on 2009 Apple iPhones and iPods



## iPod

iPod docking connector.



## micro-USB

Smaller than a mini USB the retention fingers are on the male (cable side) unlike the mini USB that has them on the female (device side).



## mini-USB

Used to power or charge many cell phones, PDA's, GPS units and more. 500mA maximum.

