



Marine Quality

Car Cigar Lighter Size Plugs and Sockets

These Sockets are safe !

It is not possible to insert the lighting element from cigarette lighters into these sockets.

Flush Mount Socket with Rectangular Flange

Catalog No. 12060

Flush Mount Socket Outlet with a Rectangular Flange

Features:

Black plastic housing, Tight sealing flexible UV stabilized flap cover, All non-corrosive metal parts - nickel plated brass, Inside rim keeps all accessory plugs securely connected, Twin pole, Push-on blade terminals with polarity marks, 16A / max. 24Vdc, Weight: 22g.

Description:

This receptacle is splashproof, well **next to watertight**, when not in use. To fit open a 27mm Ø hole and use two screws. The centres of the screw holes to be 40mm apart. Measure carefully the distance between the screw hole points and any nearby reference line. Screws are not included as the kind to use depends on the properties of the panel.

It is imperative there be a fuse between power source and socket.

Accessory Plug

Catalog No. 12300

Accessory Plug

Features:

Black plastic housing, All non-corrosive metal parts - nickel plated phosphor bronze, Solderless screw terminals - brass screws, Cable restraint, 16A / max. 24Vdc, Weight: 22g.

Description:

The spring loaded contact tip is exceptionally wide to avoid sparking and heating. The sharp edges of the side spring - the negative carrier - help in holding this plug better connected in the universal Car Lighter Socket. **Heavy Duty Version available also.**

This is a true aftermarket product, since the lead wires are fitted on with screws.

Extension Socket

Catalog No. 12450

Extension Socket

Features:

Black plastic housing, All non-corrosive metal parts - nickel plated brass, Cable restraint, Push-on blade terminals with polarity marks, Inside rim keeps all accessory plugs securely connected, 16A / max. 24Vdc, Weight: 35g.

Description:

Compact socket with a threaded sleeve replacing the ring nut. Use it to make your own Extension Cable or for making an adapter. If your vehicle comes with odd and obsolete 12V outlets, you should either replace at least one receptacle with a lighter size socket or install yet another one, but of the correct type. Or get an adapter!! With this in-line socket you make one yourself. Never use less than 1.5 mm² / 16 AWG wire. If you already have an adapter or cable extension with an in-line socket, that cannot prevent accessory plugs from sliding out, replace it with this one.

Flush Mount Socket with Round Flange

Catalog No. 12160

Flush Mount Socket Outlet with a Round Flange

Features:

Black plastic housing, Tight sealing flexible UV stabilized flap cover, All non-corrosive metal parts - nickel plated brass, Inside rim keeps all accessory plug securely connected, Twin pole, Push-on blade terminals with polarity marks, 16A / max. 24Vdc, Weight: 22g.

Description:

This socket is splashproof, well **next to waterproof**, when not in use. The Ø of the frontplate is 41mm. To fit open a 27mm Ø hole and use three screws. The centres of the screw holes to be 32mm apart. Screws are not included as the kind to use depends on the properties of the panel.

It is imperative there be a fuse between power source and socket.

Recessed Compact Nut-Fitted Socket

Catalog No. 12180

Recessed Compact Nut-Fitted Socket Outlet

Features:

Black plastic housing, Tight sealing flexible UV stabilized flap cover, All non-corrosive metal parts - nickel plated brass, Inside rim keeps all accessory plugs securely connected, Twin pole, Push-on blade terminals with polarity marks, 16A / max. 24Vdc, Weight: 26g. Color "beige-white" Catalog No. 12190 available on Request (not UV stabilized).

Description:

This socket is splashproof, well **next to watertight**, when not in use. The Ø of the frontplate is only 37mm. To fit open a 30-32mm Ø (1 1/8 - 1 1/4 in.) hole and screw on and tighten the round nut (provided) from behind the panel.

It is imperative there be a fuse between power source and socket.

Surface Mount and Recessable Socket

Catalog No. 12070

Surface Mount and Recessable Socket

Features:

Black plastic housing, Tight sealing flexible UV stabilized flap cover, All non-corrosive metal parts - nickel plated brass, Inside rim keeps all accessory plugs securely connected, Twin pole, Push-on blade terminals with polarity marks, 16A / max. 24Vdc, Weight: 61g.

Description:

This surface version is a rectangular socket in a plastic shroud. It has the same functions and qualities as Parts Nos 1206 and 1216. The socket inside the box can be recessed and used as Part No. 1206 and the box, well, as an ashtray. The proper flush-mounted Socket, Part No. 1206, does not fit into the shroud though. This Plant-on Socket is preferred when recessing is difficult or a neat installation is not so important. It is suitable and easy to mount in the car, motor bike, truck etc... It costs more than a recessable Socket, but since it takes only two screw holes to fit it and no tools for a 1 1/8 inch hole, it is very often a cheaper alternative after all. To fit use two about 48 mm nicked brass or stainless steel screws. The centres of the screw holes to be 40 mm apart. Screws are not included as the kind to use depends on the properties of the panel.

It is imperative there be a fuse between power source and socket.

SOME COMMENTS ABOUT:

CAR CIGAR LIGHTER AS A POWER OUTLET

The Lighter is of course just that - a lighter. It is also a fairly good 12V receptacle. If used for its proper purpose, it is less good as a power outlet and in the marine environment it rusts.

One particular problem is its disability to hold accessory plugs securely connected. Also the inner diameter varies slightly from one make to another making matters difficult for accessory plug producers. As a rule the Lighter is ignition key dependant. All this adds up to recurrent current stoppages. The spring action of coiled accessory cords does not help either.

In general it is not too much bother to plug in again. It is quite a different matter, however, if you are recharging expensive camcorder, and/or mobile phone batteries. No matter what they say, rechargeable batteries should be recharged in one go. And it is good practice to leave the phone on now and then to empty the battery.

We recommend the Surface Socket for installation in cars as it takes only two small screw holes and you have plenty of room for this somewhat bulkier version under the dashboard, under a seat etc... As always, **do not forget the fuse.**

ACCESSORY PLUGS

It is important that the connecting hot tip be wide. The connecting end should be spring loaded and a little pump action, when inserting the plug, gets the end into its best connecting position.

Beware of fused plugs. The fuse is there to make the plug look better than it is. You do not have fuses in your household current pin-plugs, do you? Fuses blow eventually. In plugs they get a rather rough treatment at that and need to get replaced even sooner. Well, spare fuses, and of the correct amperage?

If an accessory comes with a fused plug, it is very likely that there is no fuse inside the accessory. Obviously the thing is of questionable quality and in need of a fuse, but relying on one in the plug is not acceptable.

In the low voltage environment like in our homes the fuses should be between current source and power outlet, and not in any plugs.

Also there are plugs with a diode to show that it works. I suspect for the same reasons as the fuse. There are no shining diodes in the 220V pin-plugs in my house. These plugs are harmless, but cost a little extra thanks to this rather unnecessary feature.