

EN 60320 C1 & C2

IEC 60320 C1 & C2 Information



IEC C2 Application : Electrical Razor

The IEC 60320 C2 Inlet is rarely used, but it is most commonly known for its application on small electric razors. The increasing popularity of cordless razors and rechargeable razors utilizing power adapters is making the use of the IEC 60320 C1/C2 lesser by the day.



IEC 60320 C2 Inlet

The IEC 60320 C2 is an ungrounded Inlet rated up to **250V and 2.5 Amps Internationally** or **125V and 10 Amps in North America**. The C2 Inlet mates with a C1 connector, and is commonly used for powering small electronics like razors. This Inlet is rarely used today, and has been generally replaced by the IEC C8 Inlet. The pin layout is nearly identical to the C8, and can commonly be confused for it. The best way to distinguish between the two inlets

is the shape of the cavity around the pins. The C2 will have an oval shape, while the cavity for a C8 Inlet will look like a double barrel shotgun.



IEC 60320 C1 Connector (Female)

The IEC 60320 C1 is a non grounded 2 Wire connector rated up to **250V and 2.5 Amps Internationally** or **125V and 10 Amps in North America**. The C1 mates with a C2 inlet, and is commonly used for powering small electronics like razors. The plug looks identical to the C7 Connector with the exception a round, oval edge on the C2 and a "Shotgun" Figure 8 style of the C8.