

IEC 60320 Power Cords



The IEC 60320 is a set of standards from the IEC (International Electrotechnical Commission) specifying plugs and connectors for household appliances, including computers, servers, routers, televisions, electric razors, and more. We stock a huge selection of lengths, configurations, and colors in our IEC 60320 standard cable series. For high-quality data center, computer, and other [power cables](#) at the lowest prices, we can't be beat. Click on a category to view additional colors, amperages, and cordage or use our filters on the left to find the exact power cord you are looking for.

Our IEC 60320 jumper cords are designed to meet the needs of Data Centers and IT installations where space is at a premium. We stock a huge variety of lengths and colors in each configuration in order to make your power path as short, and understandable, as possible. IEC 60320 cord sets typically connect a Power Distribution Unit (PDU) to a device.

The IEC 60320 Standard

IEC 60320 Appliance couplers for household and similar general purposes is a set of standards from the International Electrotechnical Commission (IEC) specifying non-locking appliance and interconnection couplers for connecting power supply cords to electrical appliances up to 250 volts. Different types of connector (distinguished by shape and size) are specified for different combinations of current, temperature and earthing requirements. Unlike IEC 60309 connectors, they are not coded for voltage; users must ensure that the voltage rating of the equipment is compatible with the mains supply.

Common Uses for IEC 320 Jumper Cords

C14-C5 Jumper Cords

C14 to C5 power cords are primarily used in two applications. 1. Data Centers : In a data center, this cord set is typically used to connect a C13 outlet found on a Power Distribution Unit (PDU) to a device with a C6 inlet, such as a small computer or laptop power supply. 2 : Home/Office - this cord set can also be used to adapt a standard computer power cable with a C13 end into a cord with a C5 end.

C14-C7 Jumper Cords

C14 to C7 power cords are primarily used in two applications. 1. Data Centers : In a data center, this cord set is typically used to connect a C13 outlet found on a Power Distribution Unit (PDU) to a device with a C8 inlet, such as a small computer or laptop power supply. 2 : Home/Office - this cord set can also be used to adapt a standard computer power cable with a C13 end into a cord with a C5 end.

C14-C13 Jumper Cords

The most common cord set in the IEC 60320 standard is the C14-C13. This cord set is extremely common due to the ampere rating. C14-C13 are rated for either 10 Amps, 13 Amps, or 15 Amps, depending on the cordage being used to connect them. This rating falls in line with most servers and routing equipment found in the data center. Data Center Engineerings will choose which rating is required based on the power requirements of the server or IT device.

C14-C15 Jumper Cords

The C14-C15 is the high temperature version of the C14-C13 cord set. C14-C15 are rated for either 10 Amps, 13 Amps, or 15 Amps, depending on the cordage being used to connect them. This rating falls in line with most servers and routing equipment found in the data center. The C15 is commonly found on higher power devices that generate more heat.

C14-C21 Jumper Cords

The C14-C21 is a somewhat uncommon power cord due to the ampere ratings of each connector. The C21 is a high temperature connector rated at 20A, while the C14 is a standard connector rated at 15A. This means that you cannot use this jumper cord if your device requires more than 15A.



IEC 60320 C5 CONNECTOR (FEMALE)

The IEC 60320 C5 is a grounded 3 Wire connector rated up to 250V and 2.5 Amps Internationally or 125V and 10 Amps in North America. The C5 mates with a C6 inlet, and is commonly used for laptop power supplies, projectors, and some televisions. Being slightly smaller in size than the C13, the C5 can be a good choice for smaller appliances. This connector is sometimes referred to as a "Mickey Mouse" connector due to the shape of the connector looking similar to the kids television show character.



IEC 60320 C7 CONNECTOR (FEMALE)

The IEC 60320 C7 is an ungrounded 2 Wire connector rated up to 250V and 2.5 Amps Internationally or 125V and 10 Amps in North America. The C7 mates with a C8 inlet, and is commonly used for laptop power supplies, video game consoles, televisions, and other double-insulated small appliances. This connector is sometimes referred to as a "Figure-8" or "Shotgun" connector due to its shape. A variation of the C7 exists, sometimes referred to as a C7P or C7 Polarized, although it is not documented in the IEC 60320 standard. The C7P has one square side and one circular side so the connector only mates with the inlet using the correct pin configuration.



IEC 60320 C13 CONNECTOR (FEMALE)

The IEC 60320 C13 is a grounded 3 Wire connector rated up to 250V and 15 Amps. The C13 mates with a C14 inlet, and is commonly used in a jumper cable scenario in IT Installations providing power from a PDU to a server, router, switch or other computing device. Most people know the C13 as 'the thing that plugs into my computer' because it is the standard connector used to power most desktop computers. In a desktop computer application, the most common cable is the NEMA 5-15P to C13, which connects your standard North American wall outlet to a desktop computer.



IEC 60320 C14 CONNECTOR (MALE)

The IEC 60320 C14 is a grounded 3 Wire Plug rated up to 250V and 15 Amps. The C14 mates with a C13 outlet, typically found on Data Center/IT specific PDUs (Power Distribution Unit). The IEC 60320 C14 is typically used with either 18awg SVT, 18awg SJT(OW), 16awg SJT(OW) or 14awg SJT(OW). The types of cordages used will change the rating of the overall cord set.



IEC 60320 C15 CONNECTOR (FEMALE)

The IEC 60320 C15 is a grounded 3 Wire connector rated up to 250V & 10 Amps Internationally and 125V/250V & 15 Amps in North America. The C15 mates with a C16 inlet as well as a C14 Inlet and is commonly used in IT Installations providing power from a PDU to a server, router, switch or other computing device. The C15 is a HIGH TEMPERATURE connector rated up to 120°C, unlike the 70°C rating of the C13. The C15 is commonly used in electric kettles and other household appliances that involve higher temperatures than a normal C13 is made to withstand. The C15 connector is commonly used with 18awg SJT(OW), 16awg SJT(OW), and 14awg SJT(OW).



IEC 60320 C19 CONNECTOR (FEMALE)

The IEC 60320 C19 is a grounded 3 Wire connector rated up to 250V and 20 Amps. The C19 mates with a C20 inlet, and is commonly used in a jumper cable scenario in IT Installations providing power from a PDU to a server, router, switch or other computing device. The C19 is typically used in high powered blade server chassis, large network routers, and other IT equipment that draws more power than a standard C13 can accommodate.



IEC 60320 C20 CONNECTOR (MALE)

The IEC 60320 C20 is a grounded 3 Wire Plug rated up to 250V and 20 Amps. The C20 mates with a C19 outlet, typically found on Data Center/IT specific PDUs (Power Distribution Unit). The most common configuration for a C20 is in a jumper cable scenario, providing power from a PDU to a blade server chassis, high powered server, large network router, or similar device.



IEC 60320 C21 CONNECTOR (FEMALE)

The IEC 60320 C21 is a grounded 3 Wire connector rated up to 250V and 20 Amps. The C21 mates with a C22 or C20 inlet, and is commonly used in a jumper cable scenario in IT Installations providing power from a PDU to a server, router, switch or other computing device. The C21 is a HIGH TEMPERATURE version of the C19 connector, with a maximum pin temperature of 155°C instead of the standard 65°C of a C19, and is typically used in high powered blade servers, large network routers, and other IT equipment that draws more power than a standard C13 can accommodate.



UL Listed : E503526

All of our North American use Power Cord Sets are UL listed under **E503529**. This means that you can be sure that all of our power cord sets are of the highest quality and are certified for use in the United States.

Subcategories

IEC 60320 C14 C13 Power Cords



IEC 60320 C13 C14 power cables are stocked in lengths from 1 through 50 feet. Our large length selection cords allows you to choose the cord that meets your requirements. Our standard jacket color for C13 to C14 jumper cords is black. Other colors available are white, gray, blue, green, red, yellow, orange, pink, and purple. Custom colors are available upon request. We also offer a wide range of locking C14/13 power cords. Locking cords allow you to securely connect your power cord to your server and/or PDU, ensuring they don't become accidentally disconnected. We carry P-Lock, A-Lock, V-Lock, and W-Lock C14 C13 power cords.

IEC 60320 C14 C15 Power Cords



IEC 60320 C14 C15 Power Cords are available in many standard stock lengths. The C15 is a HIGH TEMPERATURE connector. The maximum pin temperature of the appliance inlet is 120C for the C15. Standard IEC 320 cord color is black. Standard jacket type is SJT. Standard gauge is 14awg. Standard approvals are UL, CSA (c-UL-us). Data center power cords are available in black, white, gray, blue, green, red, yellow, orange. Shielded cords are available upon request.

IEC 60320 C14 C19 Power Cords



15 Amps 250 volts IEC60320 C14 to C19 Power Cords are available in many standard stock lengths. This cord set is typically used in Data Centers to connect a PDU (Power Distribution Unit) to a piece of IT equipment such as a server. IEC 320 C14 to C19 cords are rated at 15A & 250V Standard color is black. Standard jacket type is SJT. Standard gauge is 14awg. Standard approvals are UL, CSA (c-UL-us). Colors available are black, white, gray, blue, green, red, yellow, orange. Jacket types available are SJT, SJTO, SJTOW, SJTOOW SJ, SJO, SJOW, SJOOW, H05VV-F, H05RN-F, H05RR-F. Shielded cords are available upon request. LSZH (Low Smoke Zero Halogen) PLENUM cords are available upon request.

IEC 60320 C14 C21 Power Cords



IEC 60320 C14 C7 Power Cords



The IEC 60320 C14 to C7 "shotgun connector" does not have a ground pin on the connector, and is commonly used to connect a Data Rack Power Distribution Unit to a double insulated power supply transformer for a given device's power supply. We stock 6' and 12' lengths, but other lengths are available upon request. Standard color is black, and standard wire gauge is 18AWG.

IEC 60320 C14 C5 Power Cords



IEC 60320 C14 to C5 Power Cord, also known as C14 to "Mickey Mouse" power cables, are used to connect a C13 outlet or connector, to a C6 inlet typically found on a power supply for a laptop charger. This cable can be used to connect a PDU (Power Distribution Unit) or Universal Power Strip that has C13 outlets to a C6 inlet. We stock several standard lengths. Standard color is black, and standard wire gauge is 18AWG. We also stock Low Smoke Zero Halogen options for Government/ Public Sector installations.

IEC 60320 C14 to NEMA 5-15R Power Cords



IEC 60320 C14 to NEMA 5-15R Power Cables are used to convert from a C13 Connector to a 5-15R (your standard North American Plug). These can be used in scenarios where you are required to plug a 5-15P into a PDU that only has C13 outlet receptacles, among other applications.

IEC 60320 C20 C13 Power Cords



IEC 60320 C20 to C13 15 amps 250 volts Power Cords are available in many standard stock lengths. Standard color is black. Standard jacket type is SJT. Standard gauge is 14awg. Standard approvals are UL, CSA (c-UL-us). Colors available are black, white, gray, blue, green, red, yellow, orange. Jacket types available are SJT, SJTO, SJTOW, SJTOOW, SVT, SJ, SJO, SJOW, SJOOW, H05VV-F, H05RN-F, H05RR-F. Shielded cords are available upon request. LSZH (Low Smoke Zero Halogen) PLENUM cords are available upon request.



IEC 60320 C20 C15 Power Cords

IEC 60320 C20 to C15 15 amps 250 volts Power Cords are available in many standard stock lengths. The C15 is a high temperature connector. The maximum pin temperature of the appliance inlet is 120C for the C15. Standard color is black. Standard jacket type is SJT. Standard gauge is 14awg. Standard approvals are UL, CSA (c-UL-us). Colors available are black, white, gray, blue, green, red, yellow, orange. Jacket types available are SJT, SJTO, SJTOW, SJTOOW, SVT, SJ, SJO, SJOW, SJOOW, H05VV-F, H05RN-F, H05RR-F. Shielded cords are available upon request. LSZH (Low Smoke Zero Halogen) PLENUM cords are available upon request.



IEC 60320 C20 C19 Power Cords

IEC 60320 C20 to C19 Power Cords are available in 14g, 12g and UNIVERSAL (14g + 1.5mm²) configurations, most available from stock. Rated at either 20A (Standard North America) or 16A (Hybrid North America & Europe), these are designed for high current applications.



IEC 60320 C20 C21 Power Cords

We stock IEC 60320 C20 to C21 Power cords in several STANDARD lengths. Standard color is black. Standard wire gauge is 12 AWG.



C14 to OPEN (WHIPS PIGTAILS)

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C13 to OPEN (WHIPS PIGTAILS)

IEC 60320 C13 to Open Cables (Whips or Pigtail Cords) are available in 10 to 15 amps, 250 volts, and in many lengths. Standard color is black. Standard jacket type is SJT. Conductor sizes available are 18, 16, 14 awg or 0.75 / 1.0 mm² or 18awg-3c + 1.0mm². Standard approvals are UL, CSA (c-UL-us) or VDE (other international approvals are available). Colors available for the IEC 60320 C13 to Open Cables are black, white, gray, blue, green, red, yellow, and orange. Jacket types available are SJT, SJTO, SJTOW, SJTOOW, SVT, SJ, SJO, SJOW, SJOOW, H05VV-F, H05RN-F, H05RR-F. Shielded cords are available upon request. LSZH (Low Smoke Zero Halogen) PLENUM cords are available upon request.



C15 to OPEN (WHIPS PIGTAILS)

C15 to Open (Whips, Pigtails, ROJ) Hard Wired Power Supply Cords are used to connect a hard wire power source to a device with a C16 inlet. Our Open Ended Power Supply Cords come standard with a 2" ROJ and a 1/4" Strip. If you require a different length, please contact us for a quote. These power supply cords are available with 18awg, 16awg, or 14awg conductors and come standard with an SJT (Service Junior Thermoplastic) Outer Jacket. If you require a different jacket type, please contact us.



C19 to OPEN (WHIPS PIGTAILS)

C19 to Open (Whips, Pigtails, ROJ) Power Supply Cords are used to connect a hard wired power source to a device with a C20 inlet. Available with 12awg, 14awg, or 14awg/1.5mm² conductors.



C20 to OPEN (WHIPS PIGTAILS)

C20 to OPEN (WHIPS PIGTAILS)