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# 2019-J-XXX-XXX

C20 to C19, 12/3 SJT, 20A 250V, cULus



20K19-J-180

The **C20 to C19, 12/3 SJT, 20A 250V, cULus** is engineered for high-density server racks, intelligent PDUs, and UPS power distribution. The IEC C20 to IEC C19 pair carries the full 20A 250V rating end-to-end with no derating across any standard 10 ft span, and is manufactured to cULus listing for unrestricted use inside North American datacenters.

The same family is available in all nine standard jacket colors for rack-level color-coding (phase, redundancy domain, or tenant identification), in 17 stocked lengths from 12 in to 25 ft, and on standard 24-hour US lead time from stock.

Black Blue Red White Green Yellow Orange Purple Gray

## Specifications

| | |
|---|---|
| **Plug** | IEC C20 |
| **Connector** | IEC C19 |
| **Cordage** | 12AWG/3C SJT |
| **Wire Gauge** | 12AWG |
| **Jacket** | SJT |
| **Voltage** | 250V |
| **Amperage** | 20A |
| **Approvals** | cULus *(see UL listing appendix)* |
| **Certifications** | RoHS, REACH, TSCA *(see Certificate of Conformance)* |
| **Country of Origin** | Vietnam |
| **HTS Code** | 8544.42.9090 |

Generated by World Cord Sets on Nov 13, 2026 at 8:42 pm. SKU table, mechanical drawings, certificate of conformance, and UL listing reference follow in subsequent pages.

Scan to reopen configuration

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ORDERING REFERENCE

# 2019-J-XXX-XXX

Full catalogue of stocked variants for this family. Each cell shows the SKU's variable suffix; the constant prefix `2019-J` applies to every row. Black cells use the base SKU (no color suffix).

| LENGTH | BLACK | BLUE | RED | WHITE | GREEN | YELLOW | ORANGE | PURPLE | GRAY |
|---|---|---|---|---|---|---|---|---|---|
| **1FT** 12" · 0.30m 0.22 lb | 012 | 012-BLU | 012-RED | 012-WHT | 012-GRN | 012-YEL | 012-ORG | 012-PUR | 012-GRY |
| **1.5FT** 18" · 0.46m 0.29 lb | 018 | 018-BLU | 018-RED | 018-WHT | 018-GRN | 018-YEL | 018-ORG | 018-PUR | 018-GRY |
| **2FT** 24" · 0.61m 0.36 lb | 024 | 024-BLU | 024-RED | 024-WHT | 024-GRN | 024-YEL | 024-ORG | 024-PUR | 024-GRY |
| **2.5FT** 30" · 0.76m 0.43 lb | 030 | 030-BLU | 030-RED | 030-WHT | 030-GRN | 030-YEL | 030-ORG | 030-PUR | 030-GRY |
| **3FT** 36" · 0.91m 0.49 lb | 036 | 036-BLU | 036-RED | 036-WHT | 036-GRN | 036-YEL | 036-ORG | 036-PUR | 036-GRY |
| **4FT** 48" · 1.22m 0.63 lb | 048 | 048-BLU | 048-RED | 048-WHT | 048-GRN | 048-YEL | 048-ORG | 048-PUR | 048-GRY |
| **5FT** 60" · 1.52m 0.77 lb | 060 | 060-BLU | 060-RED | 060-WHT | 060-GRN | 060-YEL | 060-ORG | 060-PUR | 060-GRY |
| **6FT** 72" · 1.83m 0.91 lb | 072 | 072-BLU | 072-RED | 072-WHT | 072-GRN | 072-YEL | 072-ORG | 072-PUR | 072-GRY |
| **7FT** 84" · 2.13m 1.04 lb | 084 | 084-BLU | 084-RED | 084-WHT | 084-GRN | 084-YEL | 084-ORG | 084-PUR | 084-GRY |
| **8FT** 96" · 2.44m 1.18 lb | 096 | 096-BLU | 096-RED | 096-WHT | 096-GRN | 096-YEL | 096-ORG | 096-PUR | 096-GRY |
| **9FT** 108" · 2.74m 1.32 lb | 108 | 108-BLU | 108-RED | 108-WHT | 108-GRN | 108-YEL | 108-ORG | 108-PUR | 108-GRY |
| **10FT** 120" · 3.05m 1.46 lb | 120 | 120-BLU | 120-RED | 120-WHT | 120-GRN | 120-YEL | 120-ORG | 120-PUR | 120-GRY |
| **12FT** 144" · 3.66m 1.73 lb | 144 | 144-BLU | 144-RED | 144-WHT | 144-GRN | 144-YEL | 144-ORG | 144-PUR | 144-GRY |
| **15FT** 180" · 4.57m 2.14 lb | 180 | 180-BLU | 180-RED | 180-WHT | 180-GRN | 180-YEL | 180-ORG | 180-PUR | 180-GRY |
| **20FT** 240" · 6.10m 2.83 lb | 240 | 240-BLU | 240-RED | 240-WHT | 240-GRN | 240-YEL | 240-ORG | 240-PUR | 240-GRY |
| **25FT** 300" · 7.62m 3.51 lb | 300 | 300-BLU | 300-RED | 300-WHT | 300-GRN | 300-YEL | 300-ORG | 300-PUR | 300-GRY |
| **5M** 197" · 5.00m 2.33 lb | 197 | 197-BLU | 197-RED | 197-WHT | 197-GRN | 197-YEL | 197-ORG | 197-PUR | 197-GRY |

Weights are estimated finished-cord weight (cordage + connectors) to manufacturer-typical ±10%. The variable suffix combines the 3-digit zero-padded inch code with a 2-letter color code (e.g. `072-BL` = 72" / 6FT, Blue jacket). Black jackets omit the color suffix by convention.

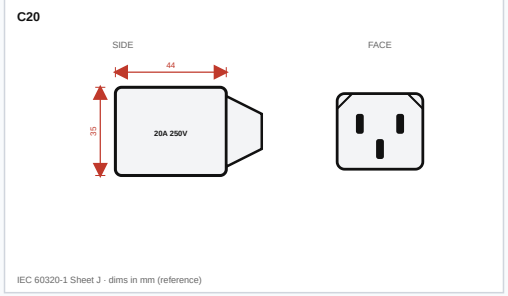
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# Mechanical specifications — 2019-J-XXX-XXX

Side-elevation and face-view drawings per connector reference MSL datasheet dimensions; tolerances ±0.2 mm unless noted. Drawings not to scale on this page; refer to the linked CAD packages or contact engineering for full-resolution mechanical files.

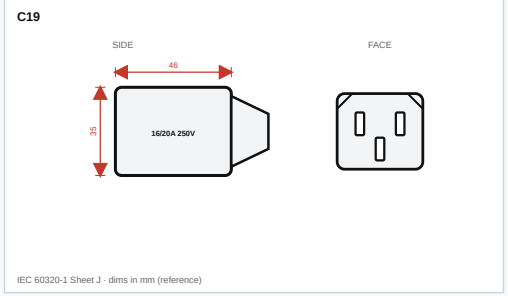
SOURCE (PLUG)

## IEC C20




DEVICE (CONNECTOR)

## IEC C19




CORDAGE CROSS-SECTION

## 12AWG/3C SJT




L — line  N — neutral  G — ground

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CERTIFICATE OF CONFORMANCE

# 2019-J-XXX-XXX

Issued **13 November 2026** · Document 308D6F6D-20261113

World Cord Sets, Inc. certifies that the cord assemblies designated **2019-J-XXX-XXX** (C20 to C19, 12/3 SJT, 20A 250V, cULus) are manufactured to the specifications documented in this pack and conform to the following standards and regulatory regimes as applicable to the cordage, connectors, and assembly workmanship described herein:

- **IEC 60320 — Appliance couplers for household and similar general purposes**
  Connector geometry, dimensioning, and electrical ratings of the IEC C-series interfaces in this assembly conform to IEC 60320-1 (general requirements) and IEC 60320-2-2 (interconnection couplers) where applicable to the connector pair.
- **UL 817 — Cord Sets and Power-Supply Cords**
  The completed cord assembly is constructed to the requirements of UL 817, Eighth Edition, and is recognized under ELBZ7.E210037 as documented in the appended UL listing.
- **RoHS · REACH · TSCA**
  All materials of construction are compliant with EU Directive 2011/65/EU (RoHS 2) as amended by Directive 2015/863/EU (RoHS 3); with EC Regulation 1907/2006 (REACH); and with the United States Toxic Substances Control Act (40 CFR 711). No substances on the current REACH SVHC candidate list are present above the 0.1% (w/w) threshold.
- **Conflict Minerals — Dodd-Frank §1502**
  World Cord Sets does not knowingly source 3TG minerals (tin, tungsten, tantalum, gold) from conflict-affected and high-risk areas as defined in OECD Due Diligence Guidance. Suppliers attest annually to compliance with Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act.
- **IPC/WHMA-A-620 — Acceptability of Cable and Wire Harness Assemblies**
  Assembly workmanship — including strip lengths, conductor preparation, crimp termination quality, strain relief, and final inspection — conforms to IPC/WHMA-A-620, Class 2 (general industrial), as evidenced by production-line inspection records retained for the lot life.

## Family-specific approvals on file

| | |
|---|---|
| **Recognized component** | ELBZ7.E210037 |
| **Approvals** | cULus |
| **Certifications** | RoHS, REACH, TSCA |
| **Country of origin** | Vietnam |
| **Electrical rating** | 250V / 20A |

**QUALITY · SIGNED**

Authorized under documented QA delegation. Per-document audit trail retained.

**Quality Assurance**
World Cord Sets, Inc.

DOCUMENT 308D6F6D-20261113 · 2026-11-13 20:42 GMT-0500

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# UL listing reference — 2019-J-XXX-XXX

Compliance evidence summary for the cord families documented in this pack. The listing below is the public-record proof of UL recognition for the cordage + connector pair; it is reproduced here verbatim for the convenience of customer quality / engineering review.

UL PRODUCT IQ — RECOGNIZED COMPONENT

## ELBZ7.E210037

Verify the live listing at **https://iq.ulprospector.com** using the file number above.

UL Product iQ® is a registered service mark of UL LLC. Reproduction in customer-facing documents is permitted under the recognized-component agreement on file with our supplier.

### Compliance summary

| | |
|---|---|
| **UL recognized component** | ELBZ7.E210037 *(MSL Taiwan — primary supplier)* |
| **Listing scope** | Power supply cords & cord sets; flexible cord molded plug-end sets; cord-end fittings. Covers the cordage + connector pair for this family. |
| **Approvals** | cULus |
| **Certifications** | RoHS, REACH, TSCA |
| **Origin** | Vietnam |
| **HTS Code** | 8544.42.9090 |

This page is a reference summary of the recognized-component listing only. The full Certificate of Conformance for this family is included earlier in this document pack and is signed under delegated Quality Assurance authority. For order-time compliance documentation, contact compliance@worldcordsets.com.