15 Thompson Road, East Windsor, CT 06088
worldcordsets.com · compliance@worldcordsets.com

2019-J-XXX-XXX

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

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.

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 Sep 14, 2026 at 3:08 am. 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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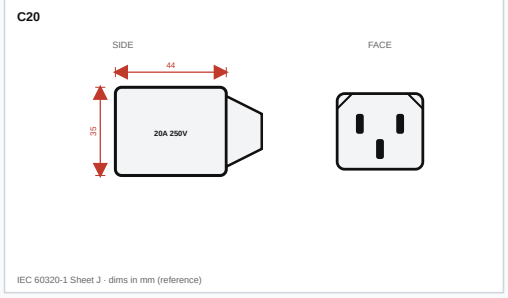
Mechanical specifications — 2019-J-XXX-XXX

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.

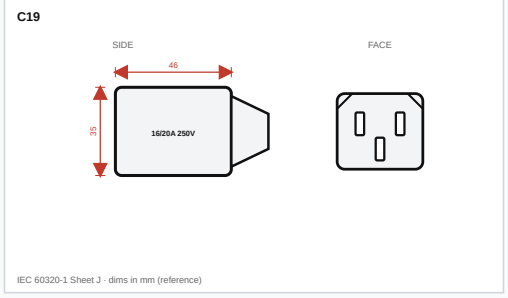
SOURCE (PLUG)

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 **14 September 2026** · Document 308D6F6D-20260914

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-20260914 · 2026-09-14 03:08 GMT-0400

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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.