



HEAVY DUTY CONNECTORS (HDC) LITE ORV3 POWER CONNECTORS AND CABLE ASSEMBLIES

TE Connectivity's (TE) HDC Lite power connectors and cable assemblies are compliant with Open Compute Project (OCP) Open Rack v3 and High-Power Rack (HPR) architectures. With multiple bulk cable options and custom configurations available to allow up to 60amp operations, HDC Lite fully compliant with OCP ORv3 & ORv3 High Power Rack (HPR) power standards power connectors are a key component for a next-generation power shelf.

PRODUCT FEATURES

- Fully compliant with OCP ORv3 & ORv3-HPR power standards
- Total connector and cable assembly solution, including board mount connectors, 45-degree and 90-degree external whips, and panel mount assemblies
- Designed with reliability and immersion cooling in mind, with components tested to withstand operating temperatures of -5°C to 70°C, and up to 100 mating cycles
- Configurations available in 8AWG, 10AWG, and 12AWG bulk cable
- Custom features available to enable operations up to 60A

KEY BENEFITS

- Space saving features with the ability to be incorporated in a wide variety of configurations and power shelf layouts
- Meets key electrical safety standards (UL 1977, 62368-1, and 2875) allowing for agency recognition and certification
- Rigorous temperature and mate/unmate testing helps provide reliability and maintainability of components
- Global vertically integrated manufacturing footprint of both connectors and cable assemblies enables customers to leverage readily available sourcing with custom kitting configurations available for situational installs

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HDC LITE POWER CONNECTORS AND CABLE ASSEMBLIES

PART NUMBERS

Part Number	Description
2394885-1	AC Whip 7P Pin Board Connector - Right
2394885-2	AC Whip 7P Pin Board Connector - Left
2424084-1	90D-CABLE-ASSY-WHIP IEC60309-10AWG
2424085-1	90D-OR3-CABLE-ASSY-WHIP UL SOOW10AWG
2424090-1	7PIN PANEL MOUNT-HOUSING #8AWG
2424091-1	7PIN PANEL MOUNT-HOUSING #12AWG

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