



## Shielded Ceiling Connector Assembly (CCA) without cordage.

- Perfect solution for connected devices in the ceiling: IP cameras, Wi-Fi access points and in-building wireless systems, LED lighting and sound masking systems
- For installation in difficult-to-access areas
- Provides a high-quality cable interconnection, available as a standalone unit or pre-terminated to an RJ45 plug

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America |
| <b>Portfolio</b>             | CommScope®  |
| <b>Product Type</b>          | Connector kit   |

## General Specifications

|                          |  |
|--------------------------|--|
| <b>ANSI/TIA Category</b> | 6   6A   |
| <b>Cable Type</b>        | F/FTP (shielded)   F/UTP (shielded)   S/FTP (shielded) |
| <b>Conductor Type</b>    | Solid   Stranded                                       |

## Dimensions

|   |                     |
|---|---------------------|
| <b>Height</b>                               | 29.718 mm   1.17 in |
| <b>Width</b>                                | 38.862 mm   1.53 in |
| <b>Depth</b>                                | 73.914 mm   2.91 in |
| <b>Compatible Conductor Gauge, solid</b>    | 26–22 AWG           |
| <b>Compatible Conductor Gauge, stranded</b> | 26–22 AWG           |

## Electrical Specifications

|  |                               |
|--|-------------------------------|
| <b>Contact Resistance Variation, maximum</b> | 20 mOhm                       |
| <b>Contact Resistance, maximum</b>           | 100 mOhm                      |
| <b>Current Rating at Temperature</b>         | 1.5 A @ 20 °C   1.5 A @ 68 °F |
| <b>Insulation Resistance, minimum</b>        | 500 MOhm                      |

## Material Specifications

|                                 |                 |
|---------------------------------|-----------------|
| <b>Contact Plating Material</b> | Precious metals |
| <b>IDC Termination Material</b> | Phosphor Bronze |

# 860658558 | ECO CCA-SHLD-1

## Material Type

High-impact, flame retardant, thermoplastic | Phosphor Bronze | Stainless Steel  
Contact Spring | Zinc Die Cast Shield

## Mechanical Specifications

### Plug Insertion Life, minimum

750 times

### Plug Retention Force, minimum

44.645 kg/m | 30 lb/ft

## Environmental Specifications

### Operating Temperature

-10 °C to +60 °C (+14 °F to +140 °F)

### Storage Temperature

-40 °C to +70 °C (-40 °F to +158 °F)

### Relative Humidity

Up to 95%, non-condensing

### Environmental Space

Low Smoke Zero Halogen (LSZH) | Plenum

### Flammability Rating

UL 94 V-0

### Safety Standard

ETL | cETL

## Packaging and Weights

### Packaging quantity

5

## Regulatory Compliance/Certifications

### Agency

### Classification

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

