



ACCLIMATE™



SCPE-G-02.00-S-O-NP

SCPU-17-G-02.00-AMS-AM

SCPE, SCPU, SCPFE SERIES

# IP68 SEALED USB & ETHERNET PLUGS

Mates with:  
SCRES

## SPECIFICATIONS

For complete specifications see [www.samtec.com?SCPE](http://www.samtec.com?SCPE)

**Insulator Material:** Polycarbonate  
**Contact Material:** Phosphor Bronze  
**Shield Material:** Phosphor Bronze  
**Wire:** 24 AWG  
**Overmold:** PA66 GF13 FR  
**Current Rating:** 3.8 A per pin (1 pin powered)  
**Operating Temp Range:** -40 °C to +70 °C  
**RoHS Compliant:** Yes

## DUST CAP

- DCA-17-02

**Note:**  
Some lengths, styles and options are non-standard, non-returnable.

| TYPE   | PLATING   | WIRE LENGTH  | END OPTION   | O                            | NP   |
|--|---|--|--|------------------------------|--|
| <b>SCPE</b><br>= Sealed Circular Ethernet Cable Plug | <b>-G</b><br>= 50 μ" (1.27 μm) Gold on Contact, Nickel on Shell | <b>-01.00</b><br>= (1 m) 39" Cable<br><b>-02.00</b><br>= (2 m) 79" Cable<br>Standard lengths | <b>-D</b><br>= Double Ended (Both Ends Sealed)<br><b>-S</b><br>= Single Ended (End No. 1 Sealed) | <b>-O</b><br>= Outdoor Rated | <b>-NP</b><br>= Cat 5e (No polarization mates with SCRES -C5E) |

## FIELD TERMINATION KIT

- Ethernet Field Termination Kit available for long cable run and small-opening applications so housings can be customer-installed after the runs are complete.
- SCPFE-17-G-01 Series (For cable outside diameter range of 5.00-5.75 mm)
- SCPFE-17-G-02 Series (For cable outside diameter range of 5.75-6.50 mm)

**ALSO AVAILABLE**  
(MOQ Required)

- Other wire lengths

Mates with:  
SCRUS

## SPECIFICATIONS

For complete specifications see [www.samtec.com?SCPU](http://www.samtec.com?SCPU)

**Insulator Material:** Glass Filled Thermoplastic  
**Contact Material:** Copper Alloy  
**Shield Material:** CRS  
**Wire:** 20 AWG (Power), 25 AWG (Signal), 28 AWG (Drain)  
**Sealed Overmold:** PA66 GF13 FR  
**Operating Temp Range:** -20 °C to +75 °C  
**RoHS Compliant:** Yes

| SCPU   | SHELL SIZE  | PLATING   | WIRE LENGTH   | END 1 OPTION   | END 2 OPTION   |
|--|---|---|---|--|--|
| <b>-17</b><br>(Standard USB only)<br><b>-10</b><br>(Mini USB only) | <b>-G</b><br>= 30 μ" (0.76 μm) Gold on Contact, Nickel on Shell | <b>-01.00</b><br>= (1 m) 40" Cable<br><b>-02.00</b><br>= (2 m) 79" Cable<br>Standard lengths<br>(Assembled Length = Wire Length + (19.5 mm) .77") | <b>-AMS</b><br>= USB A Type, Sealed<br><b>-BMS</b><br>= USB B Type, Sealed<br><b>-MBS</b><br>= Mini USB B Type, Sealed (-10 only) | <b>MBS</b><br>= Mini USB B Type, Sealed (-10 only)<br><b>-AM</b><br>= USB A Type, Not Sealed | <b>ALSO AVAILABLE</b><br>(MOQ Required)<br>• Other wire lengths<br>• Other end options |

## DUST CAPS & PANEL PLUG

- Dust Caps: DCA-17-01 or DCA-10-01
- Panel Plug: SCPPA-17-01

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Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.