



**SCPE, SCRES SERIES**

# IP68 SEALED ETHERNET SOCKET & PLUG

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  
**Operating Temp Range:** -40°C to +70°C  
**RoHS Compliant:** Yes



**ALSO AVAILABLE**

Other wire lengths.  
 Dust Cap: DCA-17-02  
 Contact Samtec.

APPLICATION	SERIES
USB	SCPU
POWER	SCP1
HIGH DENSITY	SCP2
TIGER EYE™	SCP3

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

TYPE	PLATING	WIRE LENGTH	END OPTION	CABLE OPTION	CAT OPTION
<b>SCPE</b> = Sealed Circular Ethernet Cable Plug	<b>-G</b> = 50µ" (1,27 µm) Gold on Contact, Nickel on Shell	<b>-02.00</b> = (2 m) 79" Cable <b>-03.00</b> = (3 m) 118" Cable <b>-05.00</b> = (5 m) 197" Cable (-O Cable option required callout)	<b>-D</b> = Double Ended (Both Ends Sealed) <b>-S</b> = Single Ended (End No. 1 Sealed)	<b>-O</b> = Outdoor Rated	<b>-NP</b> = Cat 5e (No polarization mates with SCRES -C5E) (Leave blank for Cat 3 version)

Assembled Length = Wire Length + (3,0) .12

END NO. 1: (42,00) 1.65

END NO. 2 (-S)

**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)
- Call Samtec.

Mates with: SCPE

**SPECIFICATIONS**

For complete specifications and recommended panel hole layout see [www.samtec.com?SCRES](http://www.samtec.com?SCRES)

**Insulator Material:** PBT  
**Contact Material:** Phosphor Bronze  
**Shield Material:** Phosphor Bronze  
**Wire:** 24 AWG  
**O-Ring:** Silicone  
**Mold:** PA66  
**Operating Temp Range:** -20°C to +75°C  
**RoHS Compliant:** Yes



**ALSO AVAILABLE**

Dust Cap: DCA-17-01  
 Panel Plug: SCPPA-17-01  
 Contact Samtec.

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

TYPE	PLATING	WIRE LENGTH	END OPTION	CAT OPTION
<b>SCRES</b> = Sealed Circular Ethernet Receptacle Cable Assembly	<b>-G</b> = 50µ" (1,27 µm) Gold on Contact, Nickel on Shell	<b>-00.25</b> = (0,25 m) 9.84" Cable <b>-00.50</b> = (0,50 m) 19.68" Cable	<b>-D</b> = Double Ended <b>-BC</b> = Blunt Cut	<b>-C5E</b> = Cat 5e rating (Leave blank for Cat 3 version)

Assembled Length = Wire Length + (12,70) .50

END NO. 1: (48,45) 1.907

END NO. 2 (-D SHOWN)

**APPLICATION SPECIFIC OPTION**

SCRE Series: Termination for standard ethernet cable from panel to board

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