



SCPE-G-02.00-S-O-NP

SCRES-G-00.25-D-C5E

SCPE, SCRES SERIES

IP68 SEALED ETHERNET SOCKET & PLUG

Mates with:
SCRES

SPECIFICATIONS

For complete specifications see 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
Contact Samtec.

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

TYPE	PLATING	WIRE LENGTH	END OPTION	O	NP
SCPE = Sealed Circular Ethernet Cable Plug	-G = 50 μ" (1.27 μm) Gold on Contact, Nickel on Shell	-01.00 = (1 m) 39" Cable -02.00 = (2 m) 79" Cable Standard lengths	-D = Double Ended (Both Ends Sealed) -S = Single Ended (End No. 1 Sealed)	-O = Outdoor Rated	-NP = 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)
- Call Samtec.

ALSO AVAILABLE (MOQ Required)

- Other wire lengths
Contact Samtec.

Mates with:
SCPE

SPECIFICATIONS

For complete specifications and recommended panel hole layout see www.samtec.com?SCRES

Insulator Material:

PBT

Contact Material:

Phosphor Bronze

Shield Material:

Phosphor Bronze

Wire:

24 AWG

O-Ring:

Silicone

Overmold:

PA66

Current Rating:

3.8 A per pin (1 pin powered)

Operating Temp Range:

-40 °C to +70 °C

RoHS Compliant:

Yes

TYPE	PLATING	WIRE LENGTH	END OPTION	C5E
SCRES = Sealed Circular Ethernet Receptacle Cable Assembly	-G = 50 μ" (1.27 μm) Gold on Contact, Nickel on Shell	-00.25 = (0.25 m) 9.84" Cable -00.50 = (0.50 m) 19.68" Cable Standard lengths	-D = Double Ended -BC = Blunt Cut	-C5E = Cat 5e rating

DUST CAP & PANEL PLUG

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

OTHER SOLUTIONS

- Termination for standard ethernet cable from panel to board
Contact Samtec.

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