

SCPE-G-02.00-S

SCRES-G-0.25-D

# IP68 ETHERNET CIRCULAR SCPE, SCRES SERIES

## SPECIFICATIONS

### Mates with: SCRES

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

#### SCPE

= Sealed Circular Ethernet Cable Plug

### PLATING

#### -G

= 50μ" (1,27μm)  
Gold on Contact,  
Nickel on Shell

### WIRE LENGTH

#### -02.00

= (2m) 79" Cable

#### -03.00

= (3m) 118" Cable

#### -05.00

= (5m) 197" Cable

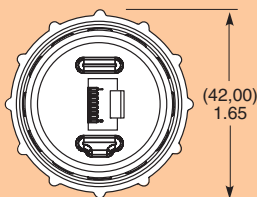
### END OPTION

#### -D

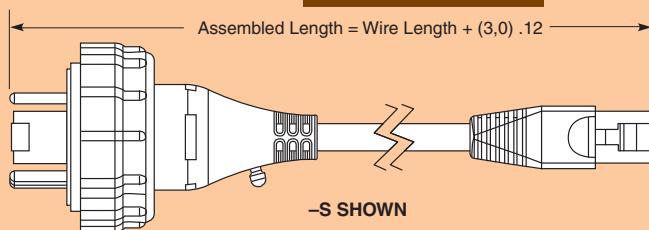
= Double Ended  
(Both Ends Sealed)

#### -S

= Single Ended  
(End No. 1 Sealed)



END NO. 1



-S SHOWN

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.
  - SCPE-17-G-01 Series (For cable outside diameter range of 5.00-5.75mm)
  - SCPE-17-G-02 Series (For cable outside diameter range of 5.75-6.50mm)
- Call Samtec.



## SPECIFICATIONS

### Mates with: SCPE

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

#### O-Ring:

Silicone

#### Mold:

PA66 IM FR BK

#### 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

#### SCRES

= Sealed Circular Ethernet Receptacle Cable Assembly

### PLATING

#### -G

= 50μ" (1,27μm)  
Gold on Contact,  
Nickel on Shell

### WIRE LENGTH

#### -0.25

= (0,25m) 9.84" Cable

#### -0.50

= (0,50m) 19.68" Cable

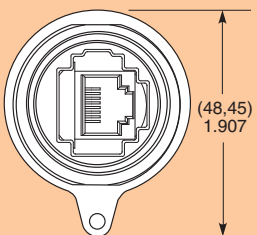
### END OPTION

#### -D

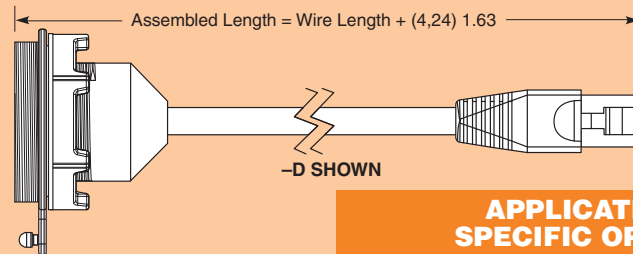
= Double Ended

#### -BC

= Blunt Cut



END NO. 1



-D SHOWN



END NO. 2

## APPLICATION SPECIFIC OPTION

Sealed circular Ethernet panel interface.  
(Use standard Ethernet cable from panel to board.)  
Call Samtec.

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

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