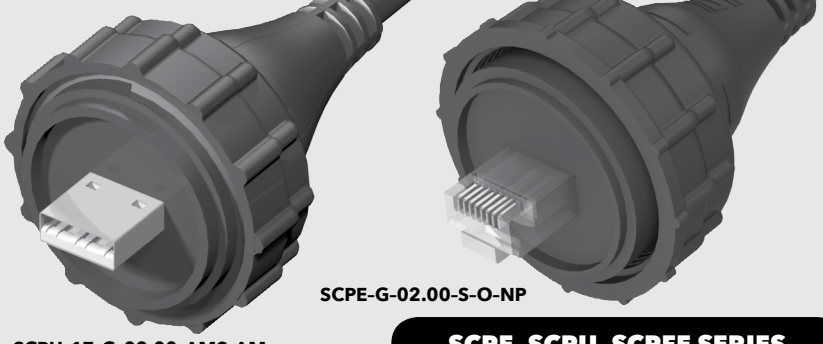
samtec

ACCLIMATE™



SCPU-17-G-02.00-AMS-AM

SCPE-G-02.00-S-O-NP

SCPE, SCPU, SCPFE SERIES

IP68 SEALED USB & ETHERNET PLUGS

Mates with:
SCRES

SPECIFICATIONS

For complete specifications see www.samtec.com?SCPE

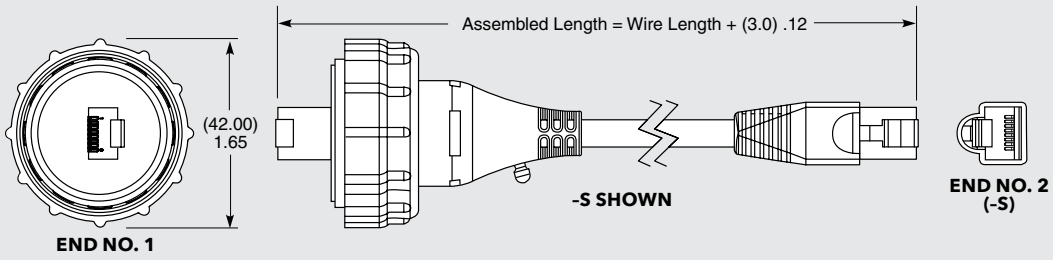
Insulator Material:
Polycarbonate
Contact Material:
Phosphor Bronze
Shield Material:
Phosphor Bronze
Wire:
24 AWG
Overmold:
PA66 GF13 FR
Operating Temp Range:
-40 °C to +70 °C
Current Rating:
3.8 A per pin (1 pin powered)
RoHS Compliant:
Yes

DUST CAP

- DCA-17-02

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

TYPE	PLATING	WIRE LENGTH	END OPTION	O	NP
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)

ALSO AVAILABLE (CONTACT SAMTEC)

- Other wire lengths

Mates with:
SCRUS

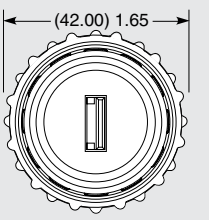
SPECIFICATIONS

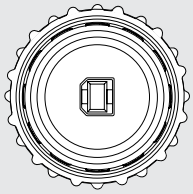
For complete specifications see www.samtec.com?SCPU

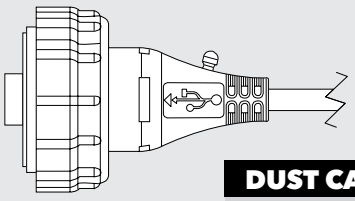
Insulator Material:
Glass Filled Thermoplastic
Contact Material:
Copper Alloy
Shield Material: CRS
Wire:
20 AWG (Power)
25 AWG (Signal)
28 AWG (Drain)
Sealed Overmold:
PA66 GF13 FR
Operating Temp Range:
-20 °C to +75 °C
RoHS Compliant:
Yes

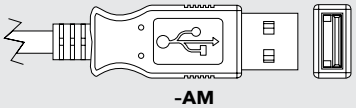
Note:
Some lengths, styles and options are non-standard, non-returnable.

SCPU	SHELL SIZE	PLATING	WIRE LENGTH	END 1 OPTION	END 2 OPTION
	-17 (Standard USB only)	**-G** = 30 µ" (0.76 µm) Gold on Contact, Nickel on Shell	**-01.00** = (1 m) 40" Cable **-02.00** = (2 m) 79" Cable Standard lengths (Assembled Length = Wire Length + (19.5 mm) .77")	**-AMS** = USB A Type, Sealed **-BMS** = USB B Type, Sealed	**-AM** = USB A Type, Not Sealed









ALSO AVAILABLE Contact Samtec

- Other wire lengths
- Other end options

DUST CAPS & PANEL PLUG

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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.