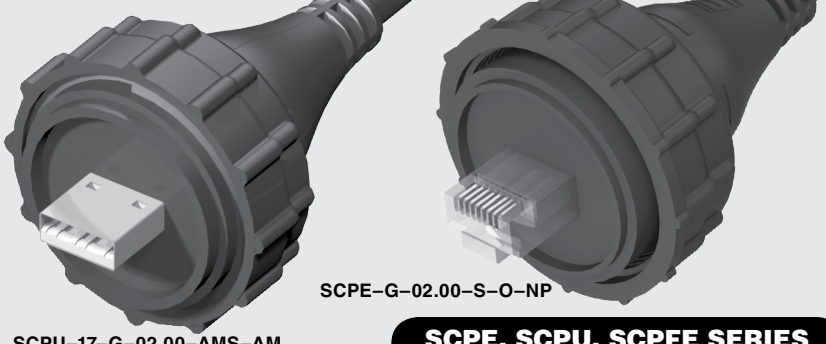
samtec

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

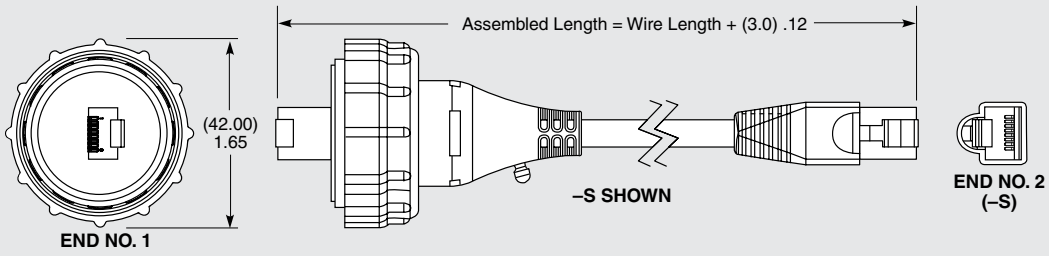
Insulator Material: Polycarbonate
Contact Material: Phosphor Bronze
Shield Material: Phosphor Bronze
Wire: 24 AWG
Overmold: PA66 GF13 FR
Current Rating: 3.8 A per pin (1 pin powered)
Operating Temp Range: -40 °C to +70 °C
RoHS Compliant: Yes

DUST CAP

- DCA-17-02

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

TYPE	PLATING	WIRE LENGTH	END OPTION	O	NP
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 (MOQ Required)

- Other wire lengths

Mates with:
SCRUS

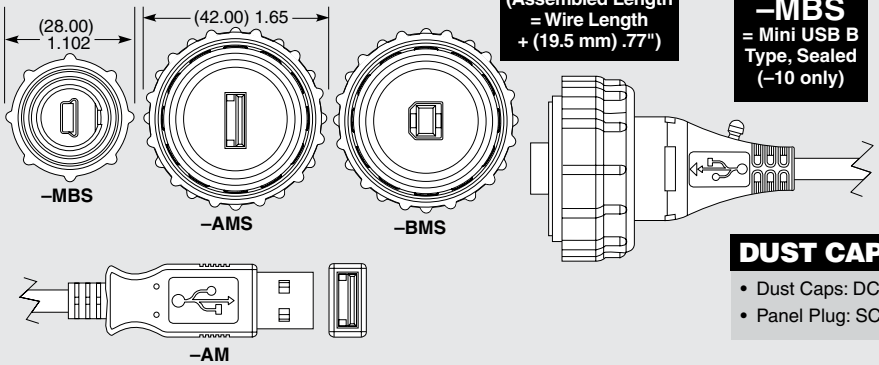
SPECIFICATIONS

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) **–10** (Mini 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 **–MBS** = Mini USB B Type, Sealed (–10 only)	**MBS** = Mini USB B Type, Sealed (–10 only) **–AM** = USB A Type, Not Sealed



ALSO AVAILABLE (MOQ Required)

- Other wire lengths
- Other end options

DUST CAPS & PANEL PLUG

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

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

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.