

C28S-06.00-RPS8-BJT8

C28S-04.00-SPS8-SING

C28S SERIES

100 Ω CIRCULAR RF TWINAX CABLE

SPECIFICATIONS

For complete specifications
see www.samtec.com/C28S

RF CONNECTOR

Outer Contact Material:
Phosphor Bronze (Plug),
Brass (Jack)
Center Contact Material:
Phosphor Bronze (Terminals),
BeCu (Sockets)
Insulator Material:
PTFE
Operating Temperature:
-20 °C to +105 °C
Voltage Rating:
200 VAC
Frequency Range:
0 - 4 GHz
Impedance:
100 Ω
RoHS Compliant:
Yes

Mates with:
CJT, C28S

Right-angle or
straight end
options

28 AWG shielded
twisted pair cable

CABLE

Cable:
28 AWG shielded
twisted pair
Signal Routing:
100 Ω Differential
Jacket Material:
PVC
Insulator Material:
FEP
RoHS Compliant:
Yes

TYPE

C28S

= 28 AWG shielded twisted pair

OVERALL LENGTH

–“XX.XX”
= Overall Length
in Inches
(101.6 mm) 04.00"
minimum

END 1 CONNECTOR

END 2 CONNECTOR

Specify
END OPTIONS
from chart



END OPTIONS

–SPS8 = Straight Plug with Sockets (30 μ " (0.76 μ m) Gold on Center and Outer Contact, Gold Flash on Shell)	
–RPS8 = Right-angle Plug with Sockets (30 μ " (0.76 μ m) Gold on Center and Outer Contact, Gold Flash on Shell)	
–BJT8 = Bulkhead Jack with Terminals (30 μ " (0.76 μ m) Gold on Center and Outer Contact, Gold Flash on Shell)	
–SING = Single Ended (End 2 callout)	
–XXXXXX = Stripped & Tinned (End 2 callout) (See chart for callout)	

STRIPPED & TINNED (Dimensions in inches)

CALLOUT	A	B	C
–303030	.30	.30	.30
–303040	.30	.30	.40
–403030	.40	.30	.30
–403040	.40	.30	.40

Both center conductors and
braid shield are stripped,
only the center
conductors are tinned.

ALSO AVAILABLE (MOQ Required)

- Additional stripping and
tinning options
Contact Samtec.

Note:
Cable lengths longer
than 36.00" (0.92 meter)
are not supported with
S.I. test data.

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

WWW.SAMTEC.COM

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.