

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/283 VDC
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

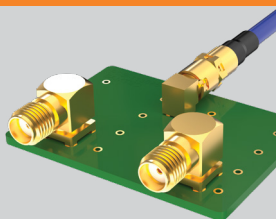
–“XX.XX”
= Overall Length
in Inches
(101.6 mm) 04.00”
minimum

END 1 CONNECTOR

END 2 CONNECTOR

Specify
END OPTIONS
from chart

ALSO AVAILABLE

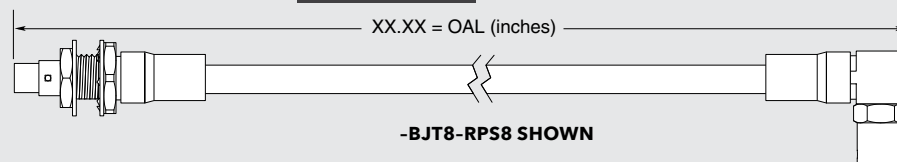


Coax to twinax splitter
(RSP-221848-02).
Contact RFGroup@samtec.com
for more information.

ALSO AVAILABLE

- 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.



–BJT8–RPS8 SHOWN

END OPTIONS

–SPS8 = Straight Plug with Sockets (30 μ" (0.76 μm) Gold on Center and Outer Contact, Gold Flash on Shell)	
–RPS8 = Right-angle Plug with Sockets (30 μ" (0.76 μm) Gold on Center and Outer Contact, Gold Flash on Shell)	
–BJT8 = Bulkhead Jack with Terminals (30 μ" (0.76 μm) 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.