



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](http://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

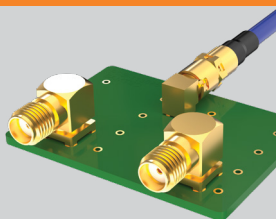
–“XX.XX”  
= Overall Length  
in Inches  
(101.6 mm) 04.00”  
minimum

## END 1 CONNECTOR

## END 2 CONNECTOR

Specify  
END OPTIONS  
from chart

## ALSO AVAILABLE



Coax to twinax splitter  
(RSP-221848-02).  
Contact [RFGroup@samtec.com](mailto: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.



## END OPTIONS

<b>-SPS8 =</b> Straight Plug with Sockets (30 μ" (0.76 μm) Gold on Center and Outer Contact, Gold Flash on Shell)	
<b>-RPS8 =</b> Right-angle Plug with Sockets (30 μ" (0.76 μm) Gold on Center and Outer Contact, Gold Flash on Shell)	
<b>-BJT8 =</b> Bulkhead Jack with Terminals (30 μ" (0.76 μm) Gold on Center and Outer Contact, Gold Flash on Shell)	
<b>-SING =</b> Single Ended (End 2 callout)	
<b>-XXXXXX =</b> 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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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