

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)

Mates with:  
CJT, 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

## CABLE

**Cable:**  
28 AWG shielded  
twisted pair

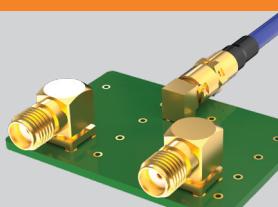
**Signal Routing:**  
100 Ω Differential

**Jacket Material:**  
PVC

**Insulator Material:**  
FEP

**RoHS Compliant:**  
Yes

## ALSO AVAILABLE



Coax to twinax splitter  
(RSP-221848-02).

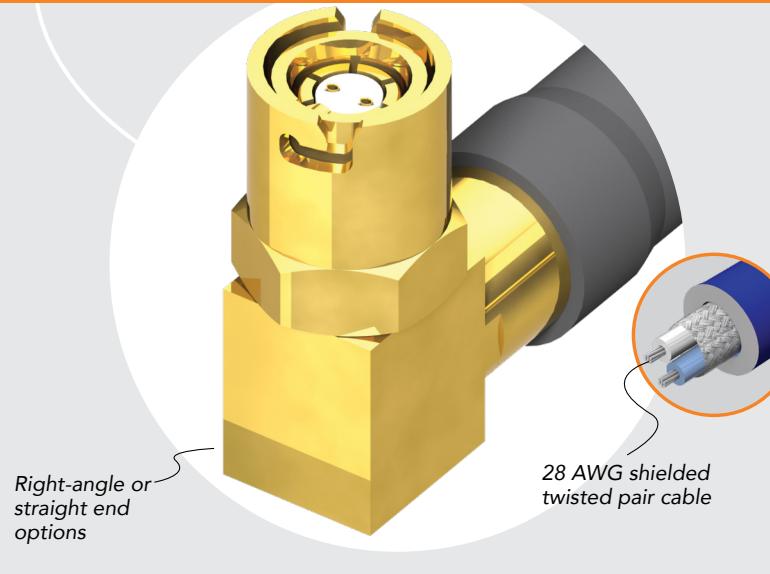
Contact [RFGroup@samtec.com](mailto:RFGroup@samtec.com)  
for more information.

## ALSO AVAILABLE

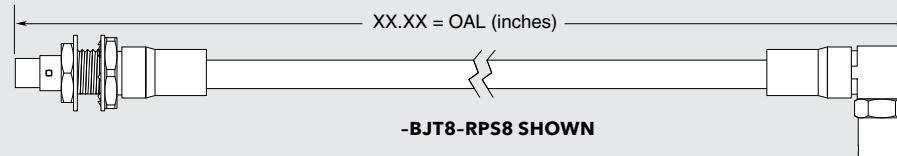
- Additional stripping and tinning options

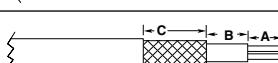
Contact Samtec.

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



TYPE	OVERALL LENGTH	END 1 CONNECTOR	END 2 CONNECTOR
<b>C28S</b> = 28 AWG shielded twisted pair	"XX.XX" = Overall Length in Inches (101.6 mm) 04.00" minimum		Specify END OPTIONS from chart



END OPTIONS	
<b>-SPS8 =</b> Straight Plug with Sockets (30 $\mu$ " (0.76 $\mu$ m) Gold on Center and Outer Contact, Gold Flash on Shell)	
<b>-RPS8 =</b> Right-angle Plug with Sockets (30 $\mu$ " (0.76 $\mu$ m) Gold on Center and Outer Contact, Gold Flash on Shell)	
<b>-BJT8 =</b> Bulkhead Jack with Terminals (30 $\mu$ " (0.76 $\mu$ m) 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
<b>-303030</b>	.30	.30	.30
<b>-303040</b>	.30	.30	.40
<b>-403030</b>	.40	.30	.30
<b>-403040</b>	.40	.30	.40

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