

**C28S SERIES**

# 100 Ω CIRCULAR RF TWINAX CABLE

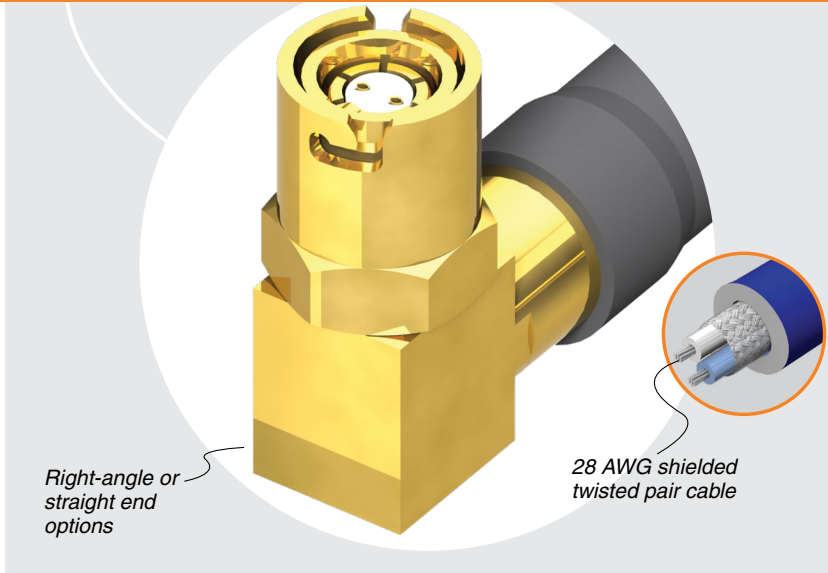
**SPECIFICATIONS**

For complete specifications see [www.samtec.com?C28S](http://www.samtec.com?C28S)

**RF CONNECTOR**

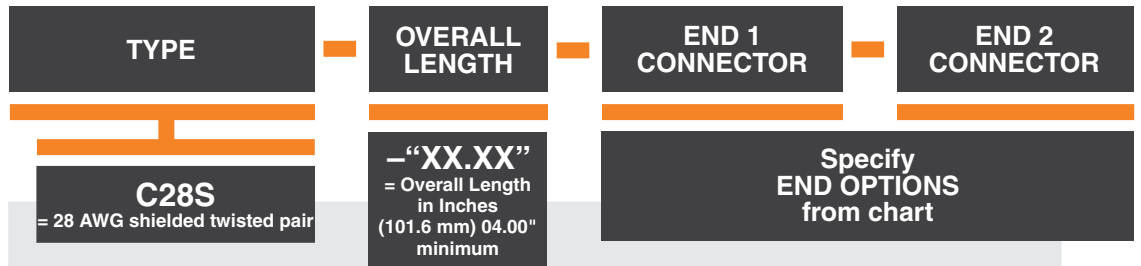
**Outer Contact Material:** Phosphor Bronze (Plug), Brass (Jack)  
**Center Contact Material:** Phosphor Bronze (Terminals), BeCu (Sockets)  
**Insulator Material:** PTFE  
**Operating Temperature:** -20 °C to +105 °C  
**Voltage Rating:** 200 VAC  
**Frequency Range:** 0 - 4 GHz  
**Impedance:** 100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

Mates with: CJT, C28S



**CABLE**

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



**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.

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.

# Mouser Electronics

Authorized Distributor

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## Samtec:

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