

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

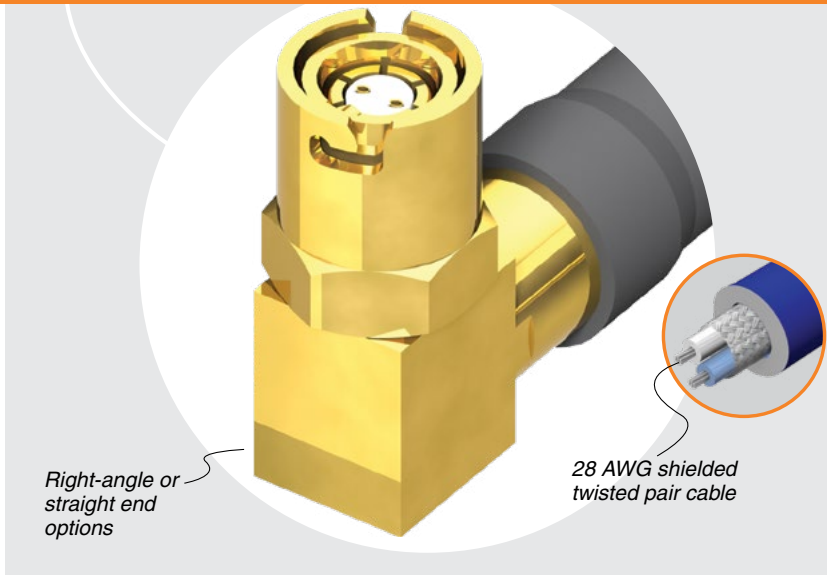
Voltage Rating:
200 VAC

Frequency Range:
0 - 4 GHz

Impedance:
100 Ω

RoHS Compliant:
Yes

Mates with:
CJT, C28S



CABLE

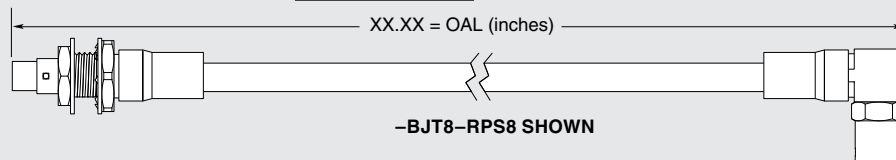
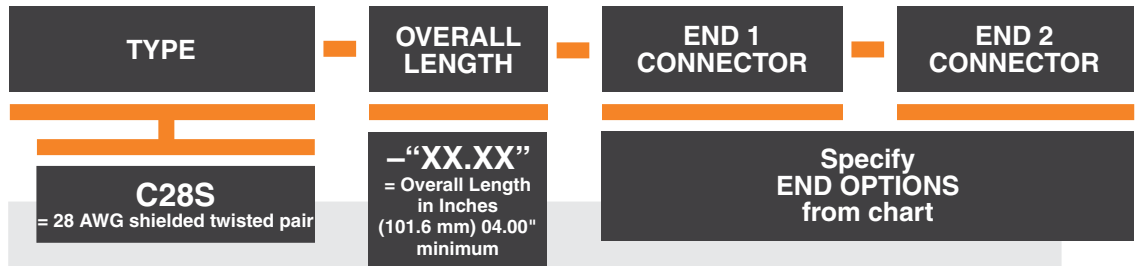
Cable:
28 AWG shielded twisted pair

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.

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.