

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

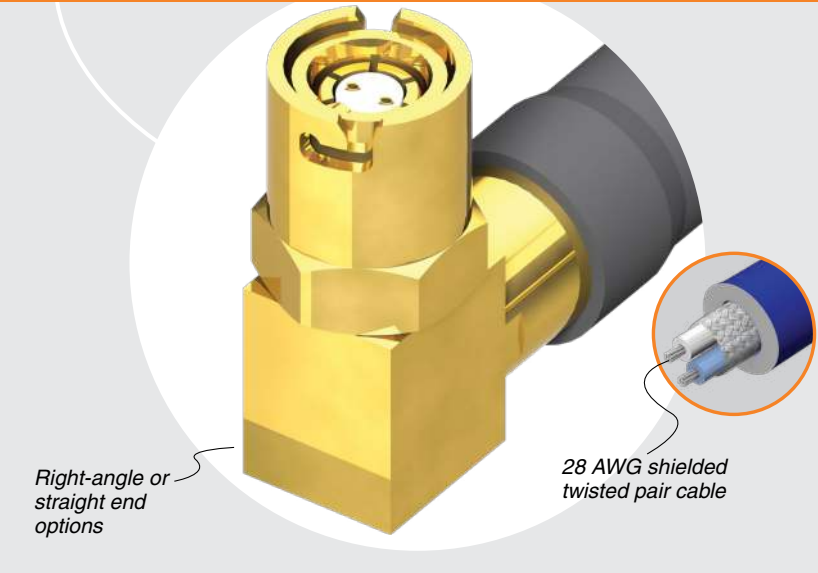
Voltage Rating:
200 VAC

Frequency Range:
0 - 4 GHz

Impedance:
100 Ω

RoHS Compliant:
Yes

Mates with:
CJT, C28S



CABLE

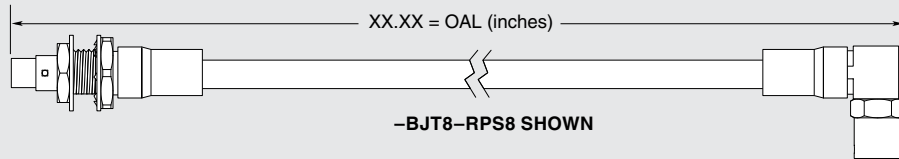
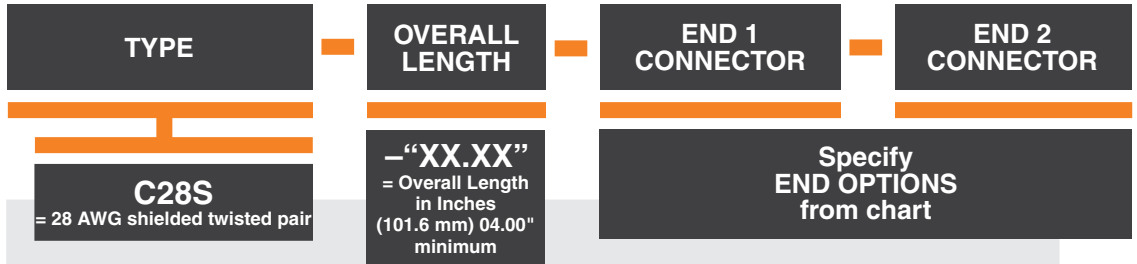
Cable:
28 AWG shielded twisted pair

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.