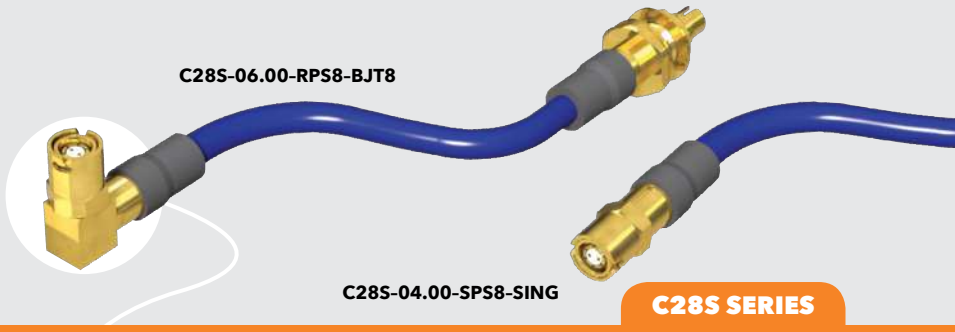
samtec



C28S SERIES

100 Ω CIRCULAR RF TWINAX CABLE

SPECIFICATIONS

For complete specifications see 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



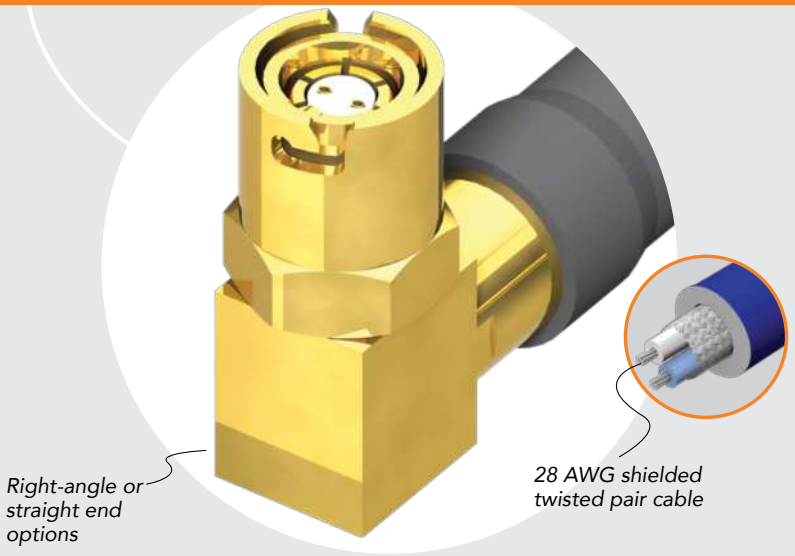
Coax to twinax splitter (RSP-221848-02). Contact RFGroup@samtec.com for more information.

ALSO AVAILABLE

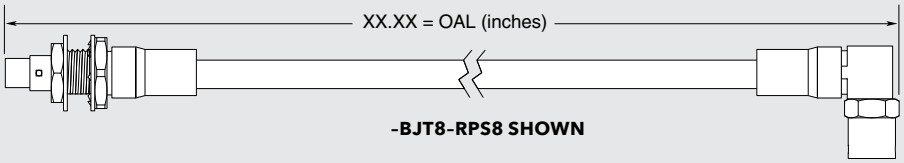
- Additional stripping and tinning options

Contact Samtec.

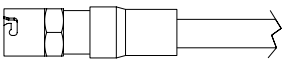
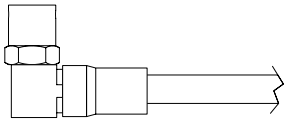
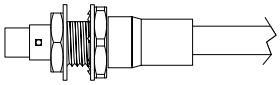
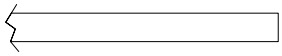
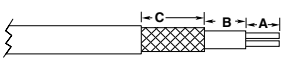
Note:
Cable lengths longer than 36.00" (0.92 meter) are not supported with S.I. test data.



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



-BJT8-RPS8 SHOWN

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.

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.