

C28S, CJT SERIES

100 Ω SHIELDED TWISTED PAIR SYSTEM

Mates with:
CJT, C28S

SPECIFICATIONS

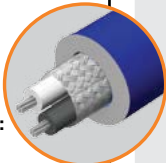
For complete specifications see www.samtec.com?C28S

RF CONNECTOR

Outer Contact Material: Phosphor Bronze (Plug), Brass (Jack)
Center Contact Material: Phosphor Bronze (Terminals), BeCu (Sockets)
Insulator Material: PTFE
Operating Temperature: -40 °C to +85 °C
Voltage Rating: 200 VAC
Frequency Range: 0 - 4 GHz
Impedance: 100 Ω
RoHS Compliant: Yes

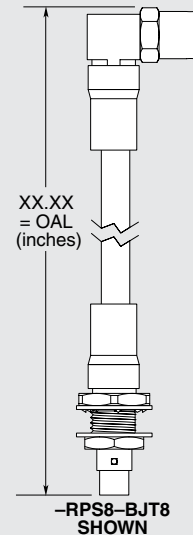
CABLE

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



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	

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)	



ALSO AVAILABLE (MOQ Required)

- Additional stripping and tinning options
Contact Samtec.

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.

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

Mates with:
C28S

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?CJT-TH or www.samtec.com?CJT-BH

Shell Material: Brass
Insulator Material: PTFE
Contact Material: Phosphor Bronze
Operating Temperature: -20 °C to +105 °C
Frequency Range: 0 - 4 GHz
Working Voltage: 200 VAC
Impedance: 100 Ω
RoHS Compliant: Yes
Lead-Free Solderable: Yes

CJT	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
–T = Jack	–P = PCB Mount	–ST-TH1	–HH = 30 μ" (0.76 μm) Gold on pins and outer contact	–ST = Straight –RA = Right-angle	–TH1 = Standard Through-hole –BH1* = Standard Bulkhead Through-hole (–RA only)

* Lock washer, nut and gasket supplied unassembled with Bulkhead option.