

C28S-06.00-RPS8-BJT8

C28S-04.00-SPS8-SING

C28S SERIES

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:

-40 °C to +85 °C

Voltage Rating:

200 VAC

Frequency Range:

0 - 4 GHz

Impedance:

100 Ω

RoHS Compliant:

Yes

Mates with:

CJT, C28S

Right-angle or
straight end
options

28 AWG shielded
twisted pair cable

CABLE

Cable:

28 AWG shielded
twisted pair

Signal Routing:

100 Ω Differential

Jacket Material:

PVC

Insulator Material:

FEP

RoHS Compliant:

Yes

TYPE

C28S

= 28 AWG shielded twisted pair

OVERALL LENGTH

– “XX.XX”
= Overall Length
in Inches
(101.6 mm) 04.00”
minimum

END 1 CONNECTOR

END 2 CONNECTOR

Specify
END OPTIONS
from chart



END OPTIONS

| | |
|--------------------------------------------------------------------------------------------------------------------------------------|--|
| -SPS8 = Straight Plug with Sockets (30 μ " (0.76 μ m) Gold on Center and Outer Contact, Gold Flash on Shell) | |
| -RPS8 = Right-angle Plug with Sockets (30 μ " (0.76 μ m) Gold on Center and Outer Contact, Gold Flash on Shell) | |
| -BJT8 = Bulkhead Jack with Terminals (30 μ " (0.76 μ m) 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.

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.

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.