

**BE23S SERIES**

BULLS EYE® REPLACEMENT CABLE

SPECIFICATIONS

For complete specifications see www.samtec.com?BE23S

RF Connector:

Shell Material:

Brass

Contact Material:

BeCu

Insulator Material:

Ultem 1000

Operating Temperature:

-65 °C to +165 °C

Impedance:

50 Ω

Frequency Range:

20 GHz

RoHS Compliant:

Yes

MWC-2350-01

Cable:

Type:

Low Loss Microwave Coax

Gauge:

23 AWG

Shield Material:

1. Flat silver plated copper

2. Silver plated copper braid

Dielectric: Solid

FEP

Jacket Material:

FEP

Bend Radius:

12 mm

Impedance:

50 Ω ±1 Ω

Propagation Delay:

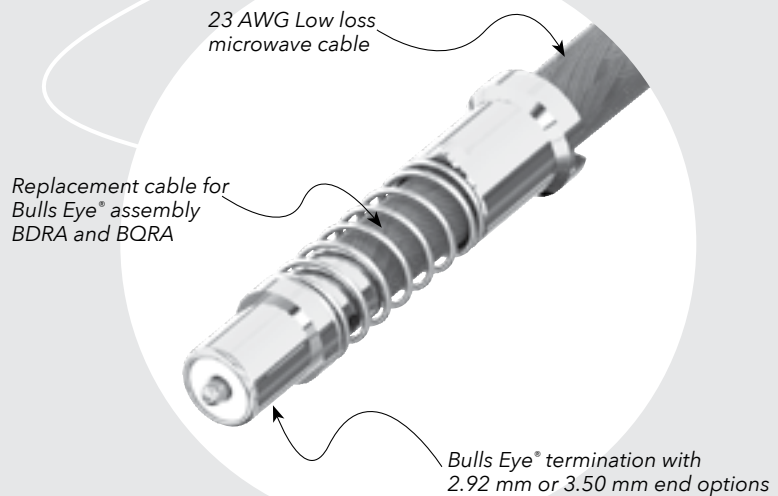
4.72 nsec/meter

Capacitance:

95.45 pF/meter

Available with:

BQRA, BDRA



CABLE TYPE

BE23S
= MWC-2350-01
Microwave Cable
with 23 AWG solid
FEP Dielectric

END 2 OPTION

Specify
END 2
OPTION
from chart

PHASE MATCHING

-02
= 2.0 Pico-second
-05
= 5.0 Pico-second
-10
= 10.0 Pico-second

NO. OF CABLES

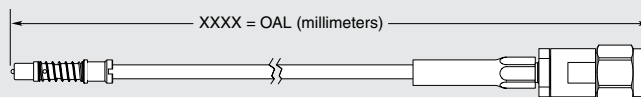
-02
= 2 phase matched
cable assemblies
-04
= 4 phase matched
cable assemblies
-06
= 6 phase matched
cable assemblies
-08
= 8 phase matched
cable assemblies

OVERALL LENGTH

-“XXXX”
= Overall
Length
in millimeters
-0100
(100 mm)
3.94" to
-9999
(9999 mm)
.393.7"

EXTRACTION TOOL

- -SCC31: CAT-EX-SCC-03



-SCC31-35SPP SHOWN

END OPTIONS

-92SJP = 2.92 mm -35SJP = 3.50 mm Straight Jack (30 μ" (0.76 μm) Gold on Center Contact, Passivated Stainless Steel on Shell)	
-92SPP = 2.92 mm -35SPP = 3.50 mm Straight Plug (30 μ" (0.76 μm) Gold on Center Contact, Stainless Steel on Shell)	
-SCC31 = Bulls Eye® Test Point with standard ferrule (30 μ" (0.76 μm) Gold on Center Contact, Gold Flash on Shell)	

Notes:

Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

Some lengths, styles and options are non-standard, non-returnable.