



# 50 Ω BULLS EYE® REPLACEMENT CABLE

## SPECIFICATIONS

For complete specifications see [www.samtec.com?BE40C](http://www.samtec.com?BE40C)

### End 2 Connector:

**Shell Material:**  
Stainless Steel  
**Contact Material:**  
Brass

**Cable Body:**  
Stainless Steel

**Socket:**  
BeCu

**Insulator Material:**  
PCTFE

**Operating Temperature:**  
-55 °C to +85 °C

**Insulator Resistance:**  
>10,000 mΩ

**Impedance:**  
50 Ω

**Frequency Range:**  
40 GHz

**V.S.W.R.:**  
Testing Now!

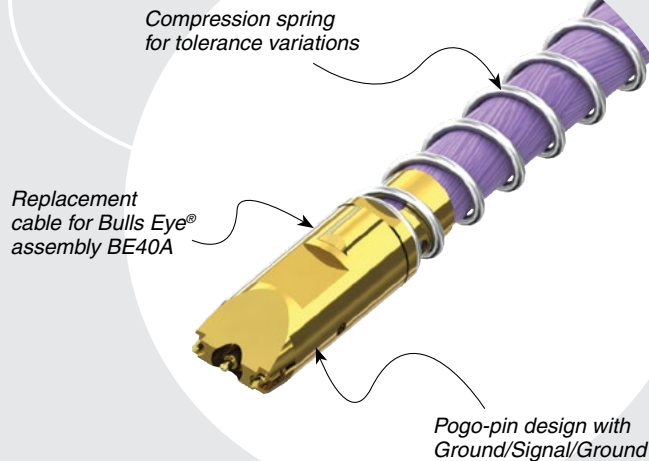
**RoHS Compliant:**  
Yes

### MWC-2350CU-01

#### Cable:

**Type:**  
Low Loss Microwave Coax  
**Gauge:**  
23 AWG Silver plated Copper  
**Dielectric:**  
Rugged solid FEP  
**Jacket Material:**  
FEP  
**Bend Radius:**  
12 mm  
**Impedance:**  
50 Ω ±1 Ω  
**Propagation Delay:**  
4.76 nsec/meter  
**Capacitance:**  
95.45 pF/meter

Available with:  
BE40A



### CABLE TYPE

#### BE40C

= MWC-2350CU-01  
Microwave Cable  
with copper  
foil shield

### END 2 OPTION

Specify  
END 2  
OPTION  
from chart

### PHASE MATCHING

-2  
= 2.0 Pico-second

-5  
= 5.0 Pico-second

-N  
= No Phase  
Matching  
(only available  
with -01)

### NUMBER OF CABLES

-01  
= 1 cable assembly  
(only available  
with -N)

-02  
= 2 phase matched  
cable assemblies

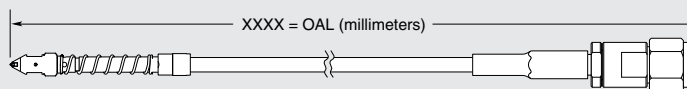
-04  
= 4 phase matched  
cable assemblies

-06  
= 6 phase matched  
cable assemblies

-08  
= 8 phase matched  
cable assemblies

### OVERALL LENGTH

- "XXXX"  
= Overall  
Length  
in millimeters  
-0152  
(0152 mm)  
5.984" to  
-9999  
(9999 mm)  
393.7"



-BE40C-92SPP-2-02-XXXX SHOWN

### END 2 OPTIONS

<p>-92SP = 2.92 mm Straight Plug (30 μ" (0.76 μm) Gold on Center Contact, Stainless Steel on Shell)</p>	
<p>-92SJ = 2.92 mm Straight Jack (30 μ" (0.76 μm) Gold on Center Contact, Stainless Steel on Shell)</p>	

### 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.

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://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.