



RF25S, RF23S SERIES

50 Ω RF CABLE ASSEMBLIES

Mates with:
SMA, SMP

SPECIFICATIONS

MWC-2550-01

Cable:
Type: Low Loss Microwave Coax
Gauge: 25 AWG
Shield Material:

- Flat silver plated copper
 - Silver plated copper braid
- Dielectric:** Solid FEP
Jacket Material: FEP
Bend Radius: 9 mm
Impedance: 50 Ω ±1 Ω
Propagation Delay: 4.76 nsec/meter
Capacitance: 96.8 pF/meter

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.

CABLE TYPE	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
RF25S = MWC-2550-01 Microwave Cable with 25 AWG solid FEP Dielectric	Specify END OPTIONS from chart		- "XXXX" = Overall Length in millimeters -0100 (100 mm) 3.94" minimum

END OPTIONS	
-01SP1 = SMA Straight Plug (30 μ" (0.76 μm) Gold on Center Contact, Gold Flash on Shell)	
-01BJ1 = SMA Bulkhead Jack (30 μ" (0.76 μm) Gold on Center Contact, Gold Flash on Shell)	
-00SJ7 = SMP Straight Jack (10 μ" (0.25 μm) Gold on Center Contact, Gold Flash on Shell)	

END OPTIONS	
-00RJ7 = SMP Right-angle Jack (10 μ" (0.25 μm) Gold on Center Contact, Gold Flash on Shell)	
-SING = Single Ended (End 2 only)	
XXXXXX = Stripped & Tinned (End 2 only)	

STRIPPED & TINNED (Dimensions in mm)			
CALLOUT	A	B	C
-303030	3.0	3.0	3.0
-303040	3.0	3.0	4.0
-403030	4.0	3.0	3.0
-403040	4.0	3.0	4.0
-404040	4.0	4.0	4.0

Both center conductor and braid shield are stripped, only the center conductor is tinned.

ALSO AVAILABLE (MOQ Required)

- Additional stripping and tinning options Contact Samtec.

OTHER SOLUTIONS

- Bulls Eye® test point available Contact Samtec.

SPECIFICATIONS

MWC-2350-01

Cable:
Type: Low Loss Microwave Coax
Gauge: 23 AWG
Shield Material:

- Flat silver plated copper
 - 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

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.

CABLE TYPE	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
RF23S = MWC-2350-01 Microwave Cable with 23 AWG solid FEP Dielectric	Specify END OPTIONS from chart		- "XXXX" = Overall Length in millimeters -0100 (100 mm) 3.94" minimum

END OPTIONS	
-35SJP = 3.50 mm Straight Jack (30 μ" (0.76 μm) Gold on Center Contact, Stainless Steel on Shell)	
-35SPP = 3.50 mm Straight Plug (30 μ" (0.76 μm) Gold on Center Contact, Stainless Steel on Shell)	
SING = Single Ended (End 2 only)	
XXXXXX = Stripped & Tinned (End 2 only)	

STRIPPED & TINNED (Dimensions in mm)			
CALLOUT	A	B	C
-303030	3.0	3.0	3.0
-303040	3.0	3.0	4.0
-403030	4.0	3.0	3.0
-403040	4.0	3.0	4.0
-404040	4.0	4.0	4.0

Both center conductor and braid shield are stripped, only the center conductor is tinned.