

RF058-01SP1-01SP1-0100



RF058-05SR3-05SR3-0100

**RF058 SERIES**

# 50 Ω RG 58 CABLE ASSEMBLIES

**SPECIFICATIONS**

For complete specifications see [www.samtec.com?RF058](http://www.samtec.com?RF058)

**RF Connector:**

**Outer Contact Material:**  
Ni plated Brass (TNC, N Type),  
Au plated Ni (SMA)

**Center Contact Material:**  
Au plated Ni (TNC, N Type),  
Au plated Brass (SMA)

**Insulator Material:**  
PTFE

**Frequency Range:**  
0~1 GHz

**Impedance:**  
50 Ω

**RoHS Compliant:**  
Yes

**RG 58 Cable:**

**Impedance:**  
50 Ω

**Capacitance:**  
102 pF/meter

**Max Attenuation (cable only):**  
0.8 dB @ 1 GHz

**Conductor Size:**  
20 AWG, (0.90 mm) .036" dia.

**Conductor Material:**  
Tinned Copper

**Insulator Diameter:**  
(3.00 mm) .076"

**Insulator Material:**  
Solid Polyethylene

**Shield Material:**  
Tinned Copper

**Jacket Material:**  
PVC

**Jacket Diameter:**  
(5.00 mm) .197" dia.

**Bend Radius:**  
48.3 mm

**Jacket Temp Rating:**  
-50 °C to +90 °C

**RoHS Compliant:**  
Yes

**Mates with:**  
TNC, SMA



- Create a full system: cable assembly and board level mates, 50 Ω and 75 Ω solutions
- Free samples available
- Visit: [rf.samtec.com](http://rf.samtec.com)

20 AWG  
RG 58 coax cable



Single or Double Ended

SMA, TNC or N Type end options

**RF058**

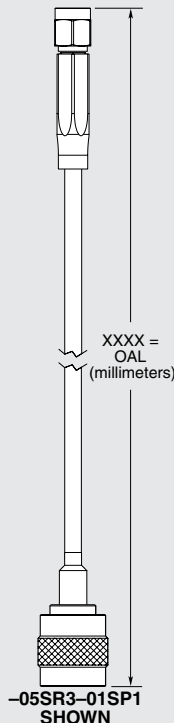
**END 1 CONNECTOR**

**END 2 CONNECTOR**

**OVERALL LENGTH**

Specify END OPTIONS from chart

–“XXXX”  
= Overall Length in millimeters  
–0100 (100 mm) 3.94" minimum



END OPTIONS	
<p><b>-01SP1 = SMA</b> Straight Plug (30 μ" (0.76 μm) Gold on Center Contact, Gold Flash on Outer Contact and Shell)</p>	
<p><b>-05SR3 = TNC</b> Reversed Polarity Straight Plug (10 μ" (0.25 μm) Gold on Center Contact, Nickel on Shell)</p>	
<p><b>-06SP3 = N Type</b> Straight Plug (10 μ" (0.25 μm) Gold on Center Contact, Nickel on Shell)</p>	
<p><b>-01BJ1 = SMA</b> Straight Bulkhead Jack <b>-01SB1 = SMA</b> Straight Bulkhead Jack, Sealed (30 μ" (0.76 μm) Gold on Center Contact, Gold Flash on Outer Contact and Shell)</p>	
<p><b>-SING =</b> Single Ended (End 2 Callout)</p>	
<p><b>-XXXXXX =</b> Stripped &amp; Tinned (End 2 Callout)</p>	

**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
- Additional plating options
- Additional end connector options

**OTHER SOLUTIONS**

- Cable connector kits (see cable components catalog pages)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [RF Cable Assemblies](#) category:*

*Click to view products by [Samtec](#) manufacturer:*

Other Similar products are found below :

[573/2](#) [73-6311-6](#) [73-6353-3](#) [73-6364-6](#) [MDB1-9SH001](#) [MDM-15PH003L-K139](#) [MDM-21PH003L-K139](#) [MH113-01SB1-MH1RP-0152](#)  
[MIKQ6-7SH076](#) [R288940005](#) [RF174-01RP1-03RP1-0110](#) [145111-05-12.00](#) [1661-C-24](#) [2192](#) [CA-628485-A43](#) [24P104C24J1-012](#)  
[24P104C24P1-006](#) [24P104C24P1-018](#) [24P203C24P2-006](#) [24P204C24J1-003](#) [9950-1100-23](#) [172-2150-EX](#) [1800920920914PJ](#) [FCB-3030-](#)  
[ALT](#) [21117-046](#) [21117-050](#) [PCX-24-50](#) [24P103C24P2-003](#) [25P203C25P2-003](#) [R284008001](#) [R285426000](#) [R288940008](#) [RF174-03RP1-](#)  
[01BR1-0200](#) [RF179-74BJ3-77RP1-0305](#) [4814-BB-24](#) [500-181-R-ACC](#) [MIKQ6-7SH023](#) [5260-72](#) [314-120](#) [JR4N1-CL1-6F](#) [JR4R3-CL1-4F](#)  
[JT2N1-CL1-1F](#) [JT2T1-CL1-6F](#) [4814-K-48](#) [RN-UFL-SMA6](#) [100E151JW3600X](#) [CCNTN2-MM-LL335-26](#) [73-6310-50](#) [73-6351-25](#) [73-6353-](#)