

**Product Name:** SMA coax cable assembly – SMA connector to 2 pin Socket ( 0.1" - 2.54mm pitch ) RG174 coax cable assembly 8" ( 20cm)

**Product Description:** RG174 Coax cable assembly with Standard SMA connector to 2 pin socket connector.  
Maximum attenuation of -0.9dB , with 5pF capacitance. Length of RG174 coax cable : 8" ( 20cm)

20u" Gold plated socket pins mating with any standard 0.025" ( 0.63mm ) square or round header  
Socket Pitch: 0.1" ( 2.54mm)  
SMA : 35u" gold plated SMA ( core )

ZX00011108 , ZX00021108 are member of ZX00SMAS-x SMA to 2 pin socket cable assembly which are offered in five different lengths : 4.72", 8", 12", 24" and 36".  
An approved cable assembly for Keysight ( Agilent )  $\leq$  2GHz **Infiniium S-Series** oscilloscope, and **N7020A** Power Rail Probe and other network analyzers and test equipment

**Application:** Complementing Keysight ( Agilent) Tektronix and Lecroy scope, test equipment  
ZX20x series breakout adapters , or any general testing needs.  
Converting SMA connector to 2 pin socket using RG174 coax cable

**Mates with :** Header posts with 0.025" ( 0.64mm) SQ pin header with post length 0.23" (5.83)  
Header pitch: 0.1" (2.54mm)  
SMA connector mates with standard SMA connector, please see ordering information.

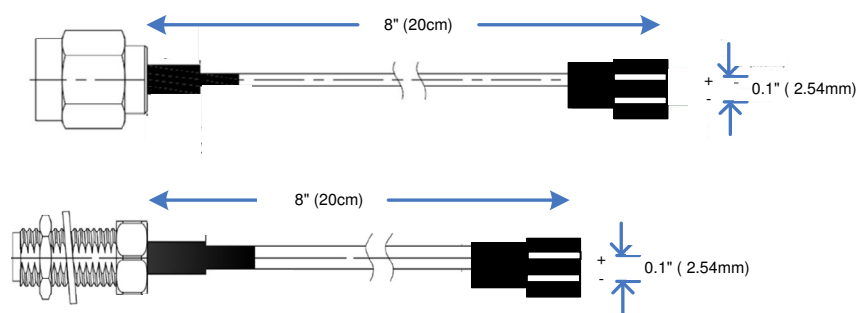
**Coax Cable information:**

Type: RG174  
Attenuation: -0.9dB  
Current Rating: 5A  
Capacitance: 20pF  
Length: 8" ( 20cm )  
Flammability: UL 94 V-0  
Flame resistance: compliance with IEC 60332-3-24

**Socket :**

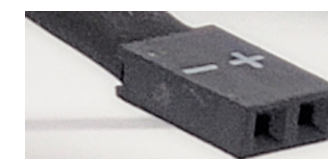
Plating: 20u" gold plated  
Pitch: 0.1" ( 2.54mm)  
Mates: 0.025" ( 0.64mm ) Square header post  
Insulator Material: Black LCP  
Contact Material: Phosphor Bronze

**Approval:** ZX00011108 , ZX00021108 are an approved cable assembly for the following Keysight (Agilent ) products:  
1- Approved Keysight (Agilent ) cable assembly for  $\leq$  2GHz Infiniium S-Series oscilloscope.  
2- Approved Keysight (Agilent ) cable assembly for use with N7020A Power Rail Probe.

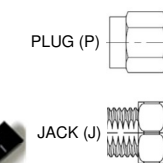


**2 Pin Socket :** The 2 pin socket is marked + - , indicating GND and Core wire  
The “-” contact is connected to the SMA case, Ground.  
The “+” contact is connected to the SMA signal pin, the core.

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APPROVED



**Ordering INFO:**  
Part Number SMA connector type  
ZX00011108 SMA Jack ( Standard )  
ZX00021108 SMA Plug

products are RoHS compliant and Lead Free unless otherwise indicated.

<b>ZEBAX TECHNOLOGIES</b> SANTA CRUZ, CA U.S.A ( 8 3 1 ) 2 2 2 - 0 7 1 7 WWW.ZEBAX.COM		
SPECIFIED DIMENSIONS ARE INCHES (MM). ROHS COMPLIANT	<b>ASSEMBLY DRAWING</b>	
<b>ITEM: ZX00011108 ZX00021108</b>		
<b>DESCRIPTION: SMA coax cable assembly - SMA to 2 pin socket coax RG174 cable assembly 8"</b>		
<b>CHECKED:</b> M. MARINA	<b>DRAWN:</b> MATTHEW	<b>REVISION: 1.0</b> <b>SHEET: 1 OF 1</b>

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