

**Product Name:** SMA coax cable assembly – SMA connector to 2 pin Socket ( 0.1" - 2.54mm pitch ) RG174 coax cable assembly 12" ( 30cm)

**Product Description:** RG174 Coax cable assembly with Standard SMA connector to 2 pin socket connector.  
Maximum attenuation of -1.4dB , with 30pF capacitance. Length of RG174 coax cable : 12" ( 30cm)

20u" Gold plated socket pins mating with any standard 0.025" ( 0.64mm ) square or round header  
Socket Pitch: 0.1" ( 2.54mm)  
SMA : 35u" gold plated SMA ( core )

ZX00011112 , ZX00021112 are member of ZX00SMAS-x SMA to 2 pin socket cable assembly which is offered in five different lengths: 4.72", 8", 12", 24" and 36".  
An approved cable assembly for Keysight ( Agilent ) ≤ 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.

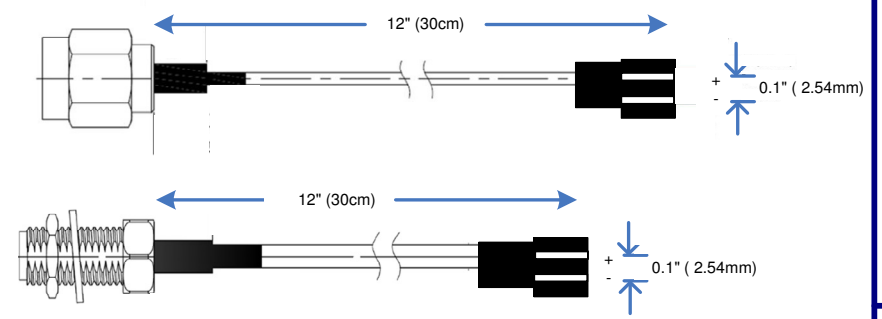
**Coax Cable information:**

Type: RG174  
Attenuation: -1.4dB (max. )  
Current Rating: 5A  
Capacitance: 30pF  
Length: 12" ( 30cm )  
Flammability: UL 94 V-0  
Flame resistance: compliance with IEC 60332-3-24

**Socket :**

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

**Approval:** ZX00011112 , ZX00021112 are an approved cable assembly for the following Keysight ( Agilent ) products:  
1- Approved Keysight ( Agilent ) cable assembly for ≤ 2GHz Infiniium S-Series oscilloscope.  
2- Approved Keysight ( Agilent ) cable assembly for use with N7020A Power Rail Probe.

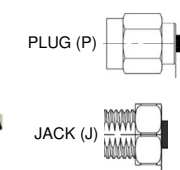
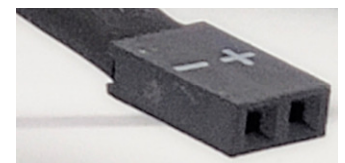


**2 Pin Socket :** The 2 pin socket is marked + - , indicating GND and Core wire  
The “-“ contact is connected to the SMA case, Ground.  
The “+“ contact is connected to the SMA signal pin, the core.

**ZX00011112 , ZX0021112 are an approved Keysight (Agilent ) cable assembly for ≤ 2GHz Infiniium S-Series oscilloscope, and N7020A Power Rail Probe, network analyzers and test equipment**



APPROVED



**Ordering INFO:**  
Part Number SMA connector type  
ZX00011112 SMA Jack ( Standard )  
ZX00021112 SMA Plug

**Note**  
ALL ZEBAX 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: ZX00011112 ZX00021112</b>		
<b>DESCRIPTION: SMA coax cable assembly - SMA to 2 pin socket coax RG174 cable assembly 12"</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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