

**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" ( 0.63mm ) square or round header  
 Socket Pitch: 0.1" ( 2.54mm)  
 SMA : 35u" gold plated SMA ( core )

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

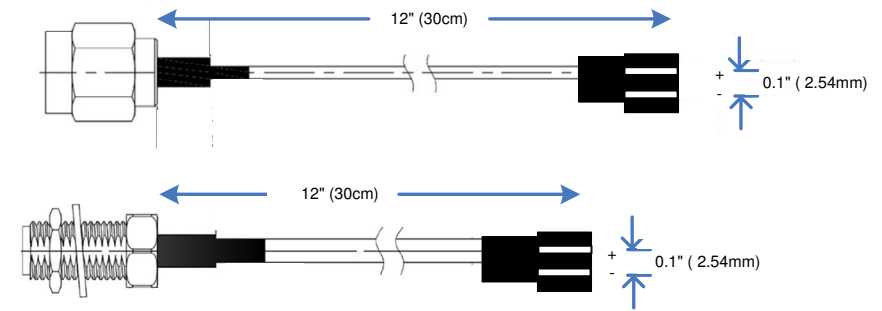
**Mates with :** Header posts with 0.025" ( 0.63mm ) SQ pin header with post length 0.23" (5.83)  
 Header pitch: 0.1" (2.54mm)  
 SMA connector mates with standard SMA connector, please see ordering information.

**Coax Cable information:**

**Type:** RG174  
**Attenuation: ( dB ):** - 1.4dB  
**Current Rating:** 5A  
**Capacitance:** 30pF  
**Length:** 12" ( 30cm)

**Socket :** 20u" gold plated , 0.1" ( 2.54mm ) pitch

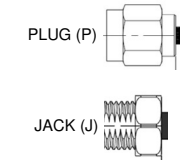
**Approval:** ZX00011112 , ZX00021112 is an approved cable assembly for the follo  
 1- Approved Keysight (Agilent ) cable assembly for ≤ 2GHz Infiniium S-  
 2- Approved Keysight (Agilent ) cable assembly for use with N7020A Po



**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.



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



**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 (MMD). 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> SLAVIK	<b>REVISION: 1.0</b> <b>SHEET: 1 OF 1</b>

**Notice**  
 ALL ZEBAX TECHNOLOGIES DESIGN SPECIFICATIONS, DRAWINGS, PUBLICATIONS, AND OTHER DOCUMENTS (TOGETHER AND SEPARATELY, "MATERIALS") ARE BEING PROVIDED "AS IS." ZEBAX MAKES NO WARRANTIES, EXPRESSED, IMPLIED, STATUTORY, OR OTHERWISE WITH RESPECT TO THE MATERIALS, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF NO INFRINGEMENT, MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE.  
 Information furnished is believed to be accurate and reliable. However, Zebax Technologies assumes no responsibility for the consequences of use of such information or for any infringement of patents or other rights of third parties that may result from its use. Specifications mentioned in this publication are subject to change without notice. This publication replaces all other information previously supplied. Zebax Technologies products are not authorized as in life support devices or systems.