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)
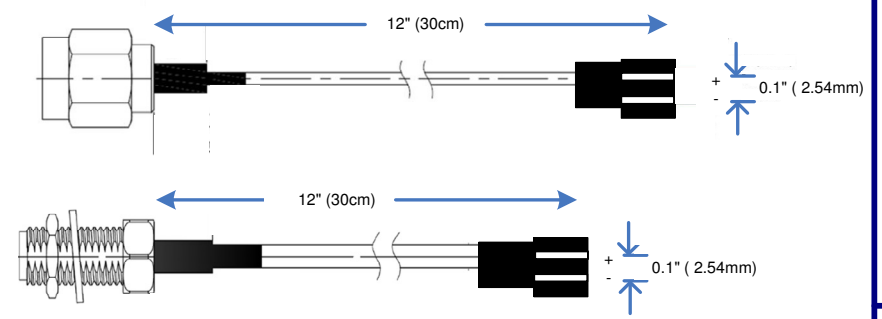SMA connector mates with standard SMA connector, please see ordering information.

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.
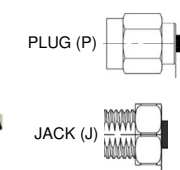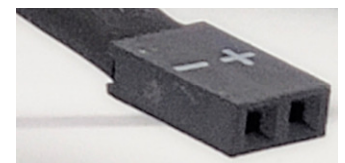2- Approved Keysight (Agilent) cable assembly for use with N7020A Power Rail Probe.

12" (30cm)
0.1" (2.54mm)

12" (30cm)
0.1" (2.54mm)

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**

KEYSIGHT TECHNOLOGIES

APPROVED

Ordering INFO:

Part Number	SMA connector type
ZX00011112	SMA Jack (Standard)
ZX00021112	SMA Plug

PLUG (P)
JACK (J)

Note
ALL ZEBAX products are **RoHS** compliant and **Lead Free** unless otherwise indicated.

SPECIFIED DIMENSIONS ARE INCHES (MM).
ROHS COMPLIANT

ASSEMBLY DRAWING

ITEM: ZX00011112 ZX00021112

DESCRIPTION: SMA coax cable assembly - SMA to 2 pin socket coax RG174 cable assembly 12"

CHECKED:	DRAWN:	REVISSION: 1.0
M. MARINA	MATTHEW	SHEET: 1 OF 1