

Product Name: ZX00000x06 50 Ohms coax cable assembly using RG316U to SMA Jack or Plug connector

Product Description: 50 Ohms SMA cable assembly using RG316U coax cable. One end of the cable assembly is SMA connector (see ordering information), the other end of the cable is pre-pepped bare coax ready for PCB or other connector type interface.

Insertion loss:
 < -1.07dB @ 5.7GHz
 < -0.708dB @ 2.9Hz
 < -0.01dB @ 100MHz

Cable assembly is offered with **Jack** or **Plug** configuration, see ordering information.

Application: Any general / instrumentation testing requiring minimum insertion loss.

Mates with : SMA connector mates with standard SMA connector, please see ordering information.

Coax Cable information:

Type: RG316U
 Attenuation: (dB/m): < 4.25dB/meter @ 6GHz
 Impedance: 50+-2 Ohms
 Dielectric Constant (dk): 2.1
 Current rating: 5A
 Capacitance: 96pF
 Maximum operating temperature: 200°C

SMA Connector:

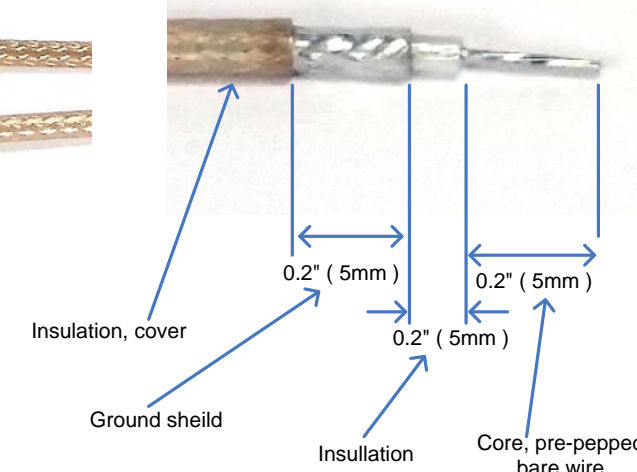
Type: BRASS with Gold finish 5u" on RING
 35u" GOLD PLATED AT pin
 Insulator: PTFE

RG316U coax cable:

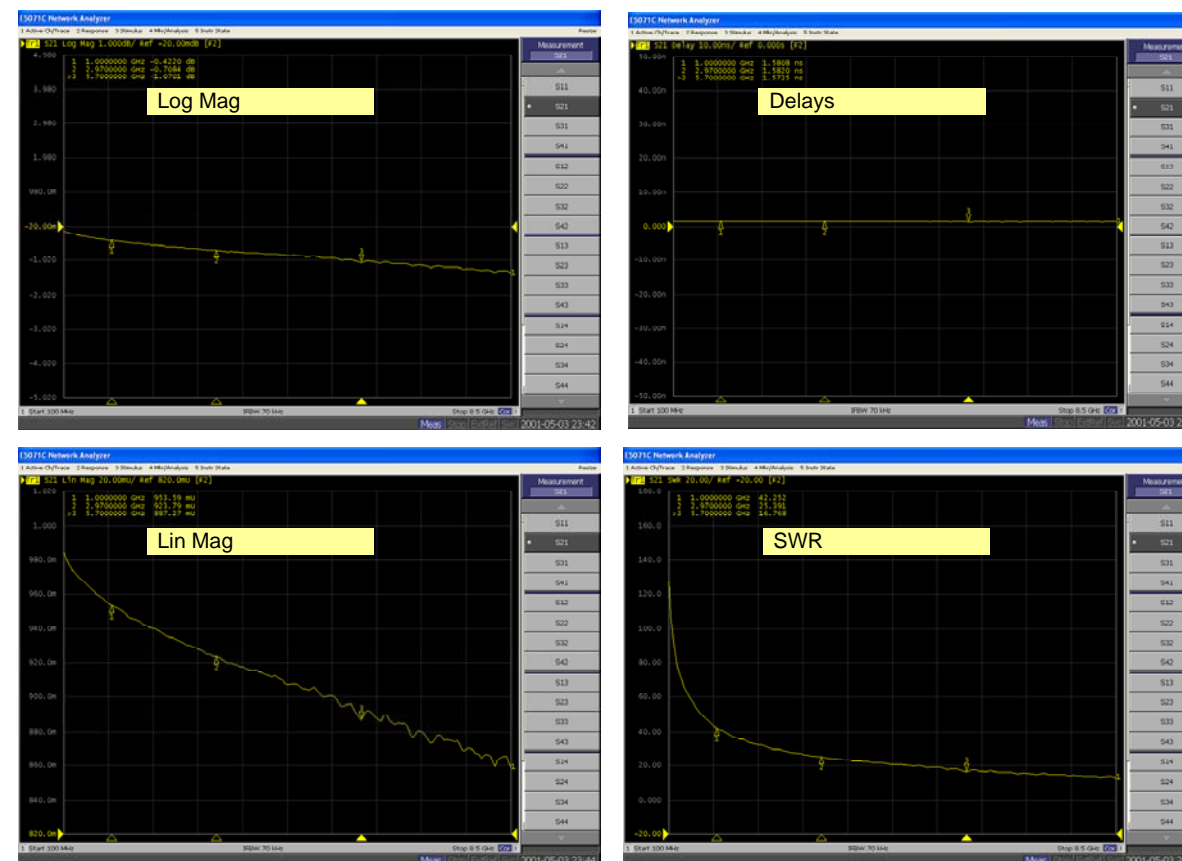
RG316 50 Ohms impedance making it ideal for data transmission. RG316 has small diameter (0.098"), it is extremely flexible due to its stranded center conductor, and has PTFE outer jacket leads to an operating temperature of up to 200°C

Common applications for RG316 include LAN/WAN, GPS, labs and any application requiring low insertion loss medium.

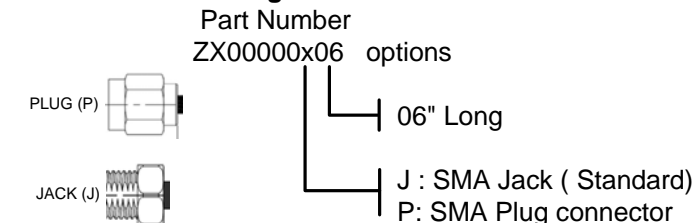
RG316 coax cable performance at this length exceeds or meets RG178 CBT-2650F-1 RG174 RG58 CCA-25M MWC2550-01 RG405 RG402



Test reports using network analyzer



Ordering INFO:



ZX00000106 SMA Jack cable assembly
 ZX00000206 SMA Plug Cable assembly

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

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SPECIFIED DIMENSIONS ARE INCHES (MM). ROHS COMPLIANT		ASSEMBLY DRAWING	
		ITEM: ZX00000x06	
DESCRIPTION: SMA to bare coax cable assembly 50 Ohms RG316U cable assembly			
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0	
		SHEET: 1 OF 1	

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