

Product Name: ZX00010208 50 Ohms RG405 0.086" DC to 20GHz Semi-Flexible RF High Speed SMA to SMA coax cable assembly

Product Description: DC to 20GHz RF High Speed SMA Jack to SMA Plug 50 Ohms 24 AWG (2.2mm) 0.086" diameter RG405 semi-flexible RF High Speed SMA Jack to SMA Plug coax cable assembly.

Cable length: 8 inches (20cm)

Insertion loss: < 0.2dB @ 10GHz

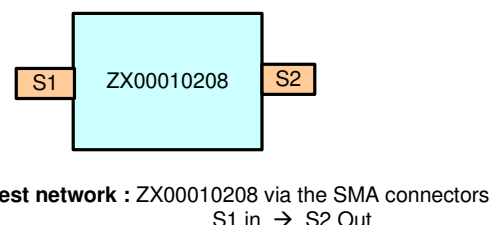
SMA mates with counterpart, please see ordering information.

Application: General RF SMA cable assembly , high speed coax cable assembly requiring absolute minimum insertion loss. DC-20GHz CSI, DSI, HDMI, DP USB 3.1 and embedded signal measurements

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

Coax Cable information:

Type: RG405
 Material: Silver plated copper
 Dielectric: PTFE 1.68
 Outer Conductor: Blue coating over Spiral Wrapped Silver Plated Copper Tape + Silver Plated Copper Barid
 Attenuation: ([B/m]: 0.2dB [< 3.4dB/meter @ 18GHz]
 Impedance: 50 Ohms
 Dielectric Constant (dk): 2.1
 Current rating: 5A
 Capacitance: 95pF/meter
 Minimum bend radius (MBR): single bend: 6mm multiple bends 25mm
 Temperature rating: -65°C / +165°C
 Flammability: UL 94 V-0
 Flame resistance: compliance with IEC 60332-3-24



Semi-flexible cable – maintains any form due to its Silver Plated Copper Braid metal shielding.

S-Parameter, Insertion loss: ZX00010208 exhibits unprecedented low insertion loss. The following data is obtained from actual ZX00010208 RF DC to 20GHz SMA cable assembly using network analyzer. The S-Parameter is obtained using ZX00010208 combination of SMA to SMA high speed cable assembly, RF SMA cable assembly.

S-Parameter files: Please download the S-Parameter files, .s2p files for the ZX00010208 networks from here :

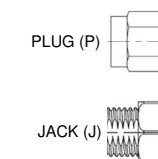
ZX00010208 DC to 20GHz SMA to SMA RF High Speed coax cable assembly: [ZX00010208-S-Parameter](#)

Test reports using network analyzer for 8" SMA to SMA RF high speed RG405 coax cable assembly, ZX00010208.

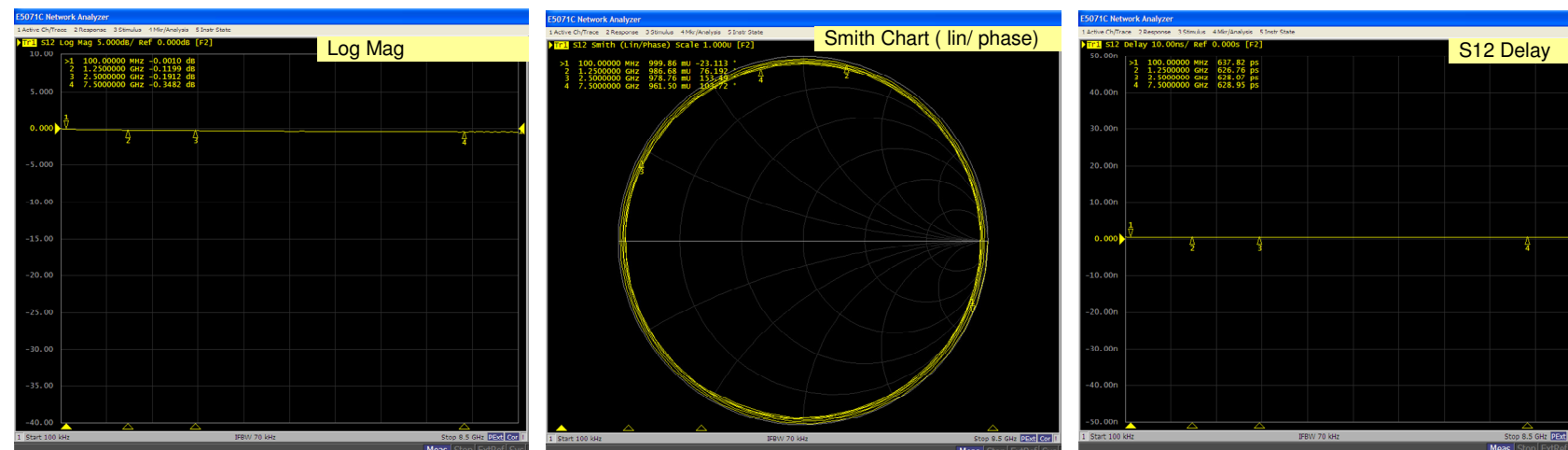
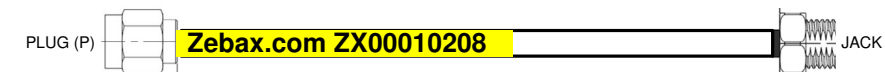
SMA / SMP Connector:

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

Ordering INFO:
 Part Number
 ZX00010208



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: ZX00010208
DESCRIPTION: DC to 20GHz RF SMA to SMA coax cable assembly RG405 High Speed SMA to SMA		
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 1