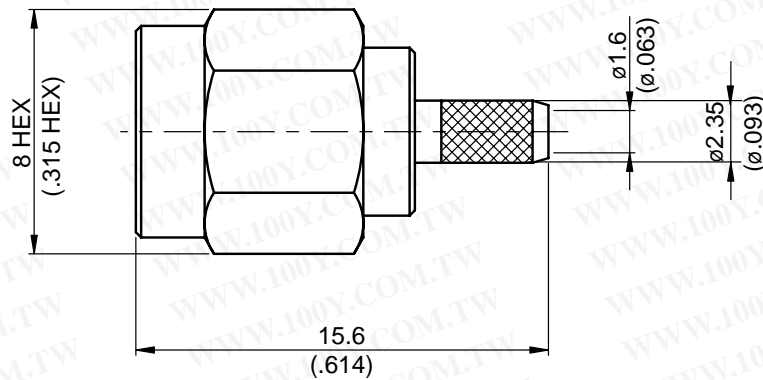


SMA3100-0316

SMA Plug Crimp

50Ω



勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Gold 5 Over Nickel 50 Over Copper 50
Contact Pin	Brass	Gold 20 Over Nickel 50 Over Copper 50
Renber Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Insulator	Teflon	
Body	Brass	Gold 5 Over Nickel 50 Over Copper 50
Coupling Nut	Brass	Gold 5 Over Nickel 50 Over Copper 50

Weight: 3.06 g

Suitable Cables: RG174, RG188, RG316, RG316-E, RG316-FEP

CABLE ASSEMBLY INSTRUCTION

SMA3100-0316

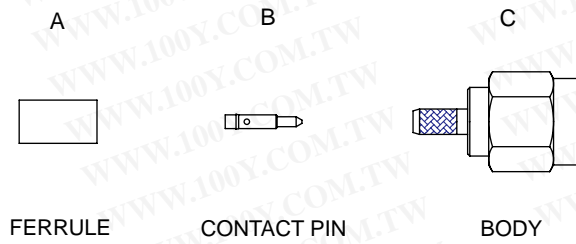


DIAGRAM	ASSEMBLY INSTRUCTION
	<p>Step 1: STRIP AS SHOWN.</p>
	<p>Step 2: SLIDE FERRULE "A" OVER CABLE. Step 3: PUT PIN "B" ON CENTER CONDUCTOR AND SOLDER IN "Y".</p>
	<p>Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR "C" IN PLACE.</p>
	<p>Step 5: SLIDE FERRULE "A" TOWARDS THE CONNECTOR "C" AND CRIMP.</p>

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

[All Categories](#) > [High-Performance Coaxial Cables](#) > [LTE high-performance coaxial cables \(RG replacement\)](#) > [MIL-C-17 coaxial and twinaxial cables](#) > Item # M17/113-RG316

Item # M17/113-RG316, MIL-C-17 coaxial and twinaxial cables



[larger image](#)

MIL-C-17 coaxial and twinaxial cables

Thermax/CDT Mil-C-17 cables are constructed with either solid or stranded silver plated conductors insulated with an extruded PTFE (polytetrafluoroethylene) dielectric. The outstanding electrical and mechanical properties of PTFE over a broad range of temperatures and frequencies make these Thermax/CDT coaxial cables the standard for a wide range of military and commercial applications.

Specifications

Conductor Diameter - inches (mm)	.020 (.159)
Conductor Type	Solid SPCW (Silver-plated copperweld (copper-covered steel))
Impedance	50
Max. Working Voltage	900
Jacket Diameter - inches (mm)	.098 (2.49)
Capacitance (pF/ft)	32.0 (105)
Weight - pounds/1000 feet (Kg/1000 M)	9.89 (14.7)
Attenuation @ 100 MHz (dB/100 ft.)	11.0
Attenuation @ 1 GHz (dB/100 ft.)	38.0
Attenuation @ 400 MHz (dB/100 ft.)	21.0
Insulation Diameter - inches (mm)	.060 (1.52)
Jacket Type	Extruded FEP (Fluorinated Ethylene Propylene)
Insulation Type	Extruded PTFE (polytetrafluoroethylene)

Braid Type	Single 38 SPC (Silver-plated copper)
Braid Diameter - inches (mm)	.078 (1.98)
Max. Conductor Resistance - Ohm/100 ft. (ohm/100 meters)	8.41 (27.6)
Min. Dielectric Strength - KV RMS	2.00
Min. Corona Extinction - KV RMS	1.20
Max. Power @ 100 MHz (Watts)	430
Max. Power @ 400 MHz (Watts)	210
Max. Power @ 1 GHz (Watts)	130
Thermax Type	RGS-316
Cable Type	Coaxial

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)