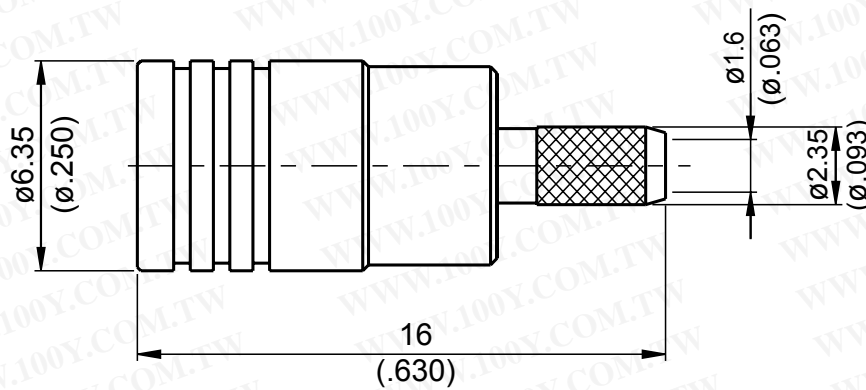


勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

SMB3100-0316

SMB Plug Crimp

50Ω



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

Weight: 2.12 g

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

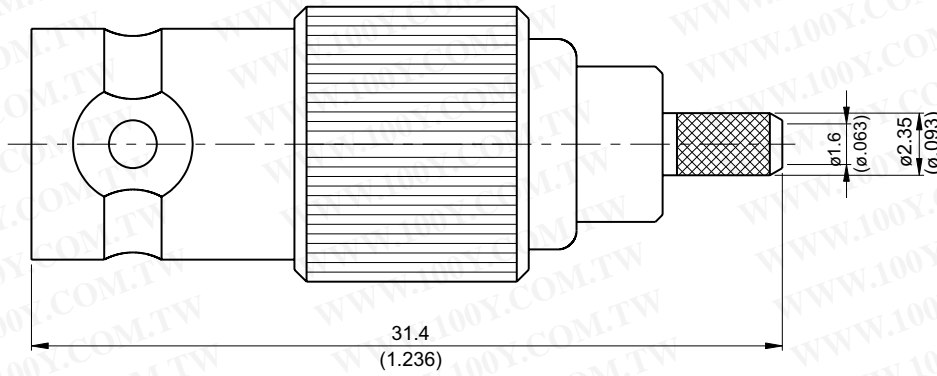
This part number complies with RoHS.

Notice: JYBAO reserves the right to make modifications deemed appropriate.

BNC8100-0316

BNC Jack Crimp

50Ω



Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Barrel	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Contact Pin	Phosphor Bronze	Gold 3 Over Nickel 50 Over Copper 50
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 10.46 g

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

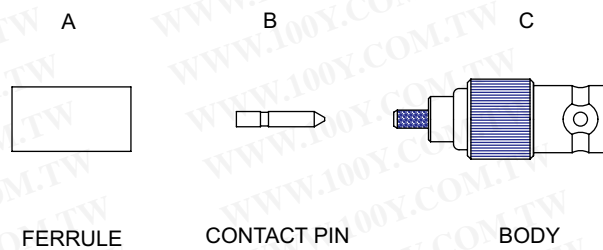
This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

# CABLE ASSEMBLY INSTRUCTION

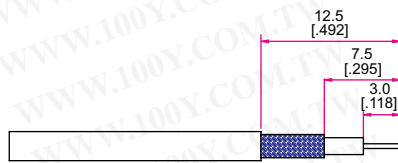
BNC8100-0316

JYE BAO CO., LTD.

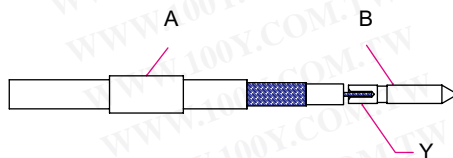


DIAGRAM

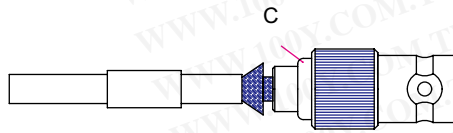
ASSEMBLY INSTRUCTION



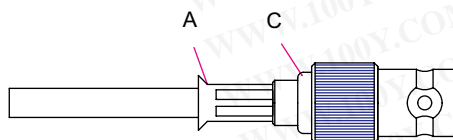
Step 1: STRIP AS SHOWN.



Step 2: SLIDE FERRULE "A" OVER CABLE.  
 Step 3: PUT PIN "B" ON CENTER CONDUCTOR AND CRIMP IN "Y".



Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR "C" IN PLACE.



Step 5: SLIDE FERRULE "A" TOWARDS THE CONNECTOR AND CRIMP.

This part number complies with RoHS.

Notice: JYBAO reserves the right to make modifications deemed appropriate.

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RG TYPE COAXIAL CABLE		RG316	
<b>DIMENSIONS</b>			
Center Conductor Diameter			
(inch)			0.02
(mm)			0.51
Dielectric Diameter			
(inch)			0.06
(mm)			1.52
Braid Diameter			
(inch)			0.078
(mm)			1.98
Jacket			
(inch)			0.098
(mm)			2.49
<b>MATERIAL SPECIFICATIONS</b>			
Jacket			FEP
Braid			SPC (Single Braid)
Dielectric			PTFE
Center Conductor			7/0067 SPCW
<b>ELECTRICAL CHARACTERISTICS</b>			
Impedance			50 Ohm
Capacitance (Nominal)			
(pF/ft)			32
(pF/m)			105
Velocity of Propagation (%)			69.5
Maximum Working Voltage			900
Max. Cond. Resistance			
(Ohms/100Ft)			8.41
(Ohms/100m)			27.6
Corona Extinction Voltage			
(K VRMS)			1.2
Min. Dielectric Strength			
(KV RMS)			2
Typical Attenuation At 20°C		Attenuation	Power
Average Power (Watts At 20°C)			
100MHz		dB/100Ft	
			dB/100M
400MHz		8.5	28
1GHZ		18.3	60
2.4GHZ		30.5	100
5GHZ		48.8	160
		67	220
			55
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)			-55/+200
Min. Bend Radius			
(inch)			0.5
(mm)			12.7
Weight			
(g/Ft)			4.5
(g/M)			15

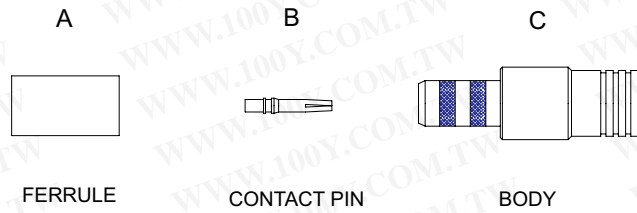
This part number complies with RoHS.

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# CABLE ASSEMBLY INSTRUCTION

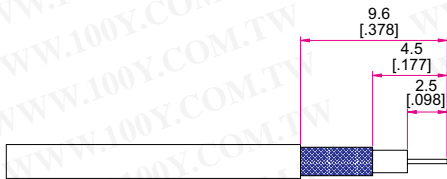
SMB3100-0316

JYE BAO CO., LTD.

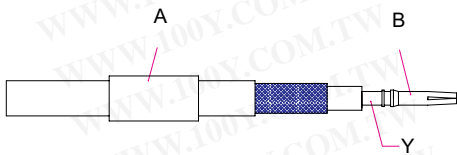


DIAGRAM

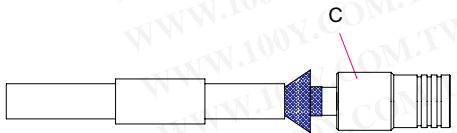
ASSEMBLY INSTRUCTION



Step 1: STRIP AS SHOWN.



Step 2: SLIDE FERRULE "A" OVER CABLE.  
 Step 3: PUT PIN "B" ON CENTER CONDUCTOR AND CRIMP IN "Y".



Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR "C" IN PLACE.



Step 5: SLIDE FERRULE "A" TOWARDS THE CONNECTOR "C" AND CRIMP.

This part number complies with RoHS.

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