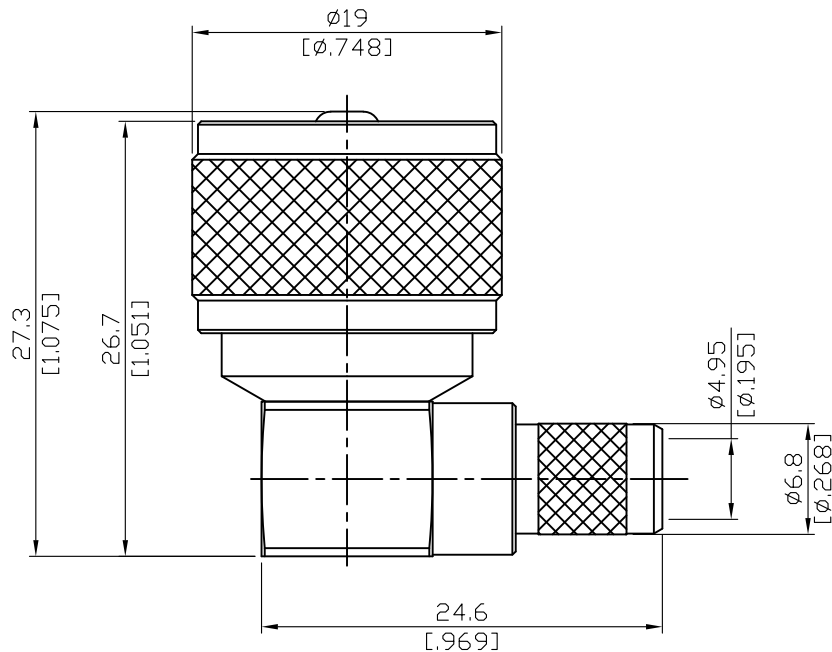


UHF3100-9L300

UHF Plug Crimp Right Angle
For JBY300, LMR300; 300MHz VSWR 1.2 50Ω



Parts	Material	Plating (Micro-inch)
Ferrule	Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Barrel	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: JBY300, LMR300

This part number complies with RoHS.

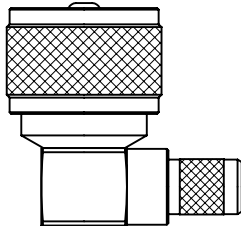
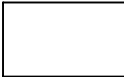
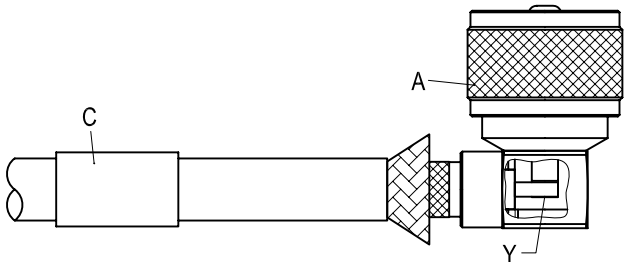
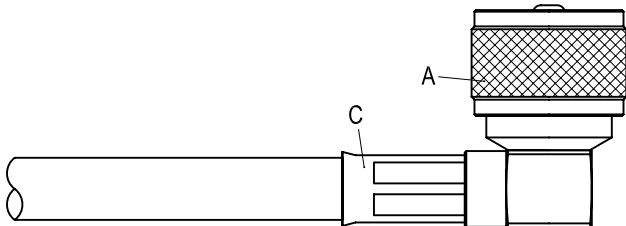
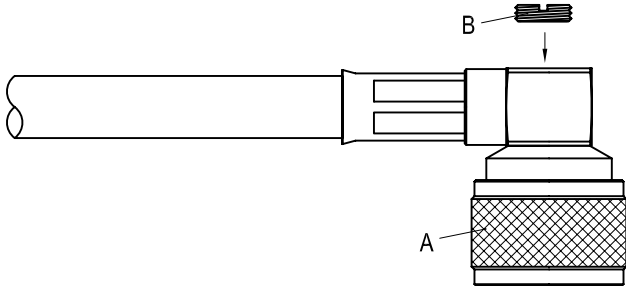
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

UHF	UHF3100-9L300
Interface	
IEC 60169-12	
Electrical Data	
Impedance	Non constant
Frequency range	300MHz
VSWR	≤ 1.2 (DC to 300MHz)
Insulation resistance	$\geq 5000M\Omega$
Contact resistance inner conductor	$\leq 5m\Omega$
Contact resistance outer conductor	$\leq 3m\Omega$
Dielectric withstanding voltage (at sea level)	2000 V rms
Working Voltage (at sea level)	750 V rms
Power Handling	400W (300MHz)
Environmental Data	
Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Moisture resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	
Tooling	
Crimping tool	CRT-1 or CRT-2
Crimp insert	INSERT-D

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

UHF3100-9L300		DATE	2015/09/09	REV	—
A  BODY		B  NUT	C  FERRULE		
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: WRAP THE BRAIDING UPWARDS. Step 4: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR " A " AND SOLDER IN " Y ".			
		Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 7.9mm/0.311inch HEX SECTION OF INSERT-D)			
		Step 6: FINALLY SCREW " B " ON THE CONNECTOR BODY " A ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	