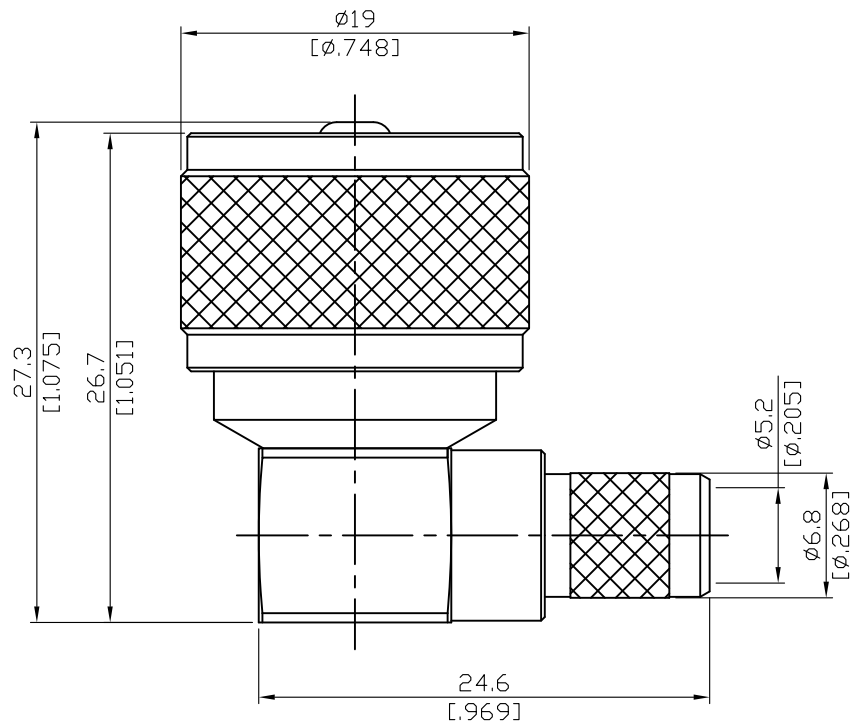


UHF3100-95DF

UHF plug crimp for 5DFB and Aircell 7
300MHz VSWR 1.2

50Ω



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

Suitable Cables: 5DFB; Aircell 7

This part number complies with RoHS.

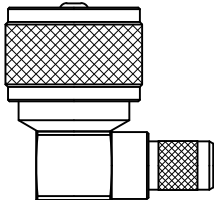
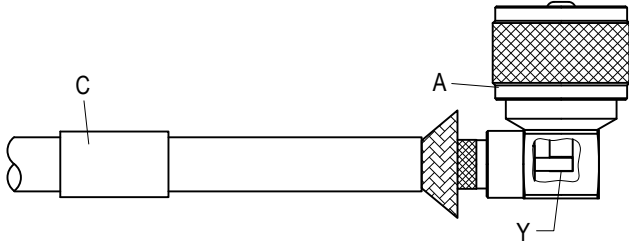
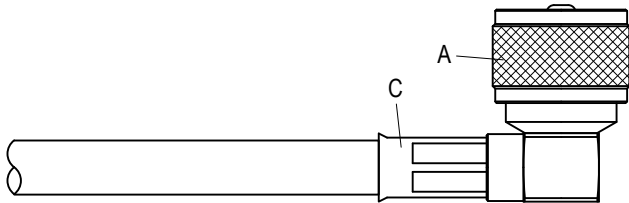
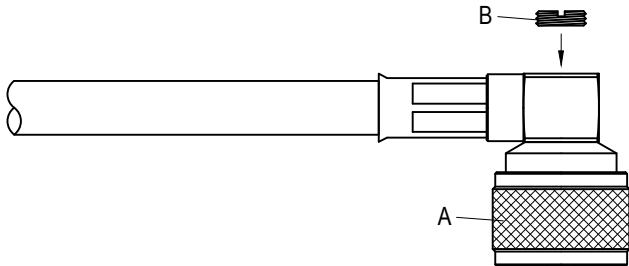
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

UHF	UHF3100-95DF																		
Interface IEC 60169-12																			
Electrical Data <table> <tr> <td>Impedance</td><td>Non constant</td></tr> <tr> <td>Frequency range</td><td>300MHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.2 (DC to 300MHz)</td></tr> <tr> <td>Insulation resistance</td><td>$\geq 5000\text{M}\Omega$</td></tr> <tr> <td>Contact resistance inner conductor</td><td>$\leq 5\text{m}\Omega$</td></tr> <tr> <td>Contact resistance outer conductor</td><td>$\leq 3\text{m}\Omega$</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>2000 V rms</td></tr> <tr> <td>Working Voltage (at sea level)</td><td>750 V rms</td></tr> <tr> <td>Power Handling</td><td>400W (300MHz)</td></tr> </table>		Impedance	Non constant	Frequency range	300MHz	VSWR	≤ 1.2 (DC to 300MHz)	Insulation resistance	$\geq 5000\text{M}\Omega$	Contact resistance inner conductor	$\leq 5\text{m}\Omega$	Contact resistance outer conductor	$\leq 3\text{m}\Omega$	Dielectric withstanding voltage (at sea level)	2000 V rms	Working Voltage (at sea level)	750 V rms	Power Handling	400W (300MHz)
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

UHF3100-95DF		DATE	2020/12/20	REV	—
A  BODY B  COVER 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	

UHF3100-95DF

