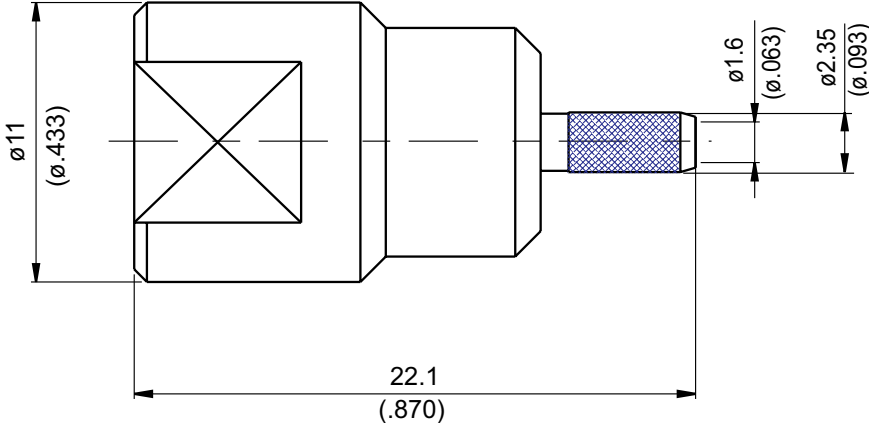


FME3100DW-0316	FME Plug Crimp For RD316,RD316-FEP; 650MHz VSWR 1.2	50Ω															
																	
<table border="1"> <thead> <tr> <th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr> </thead> <tbody> <tr> <td>Ferrule</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr> <tr> <td>Contact Pin</td><td>Brass</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr> <tr> <td>Insulator</td><td>Teflon</td><td></td></tr> <tr> <td>Body</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr> </tbody> </table>	Parts	Material	Plating (Micro-inch)	Ferrule	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		
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Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50															
Suitable Cables: RD316,RD316-FEP																	

This part number complies with RoHS.

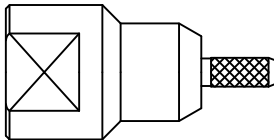
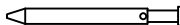
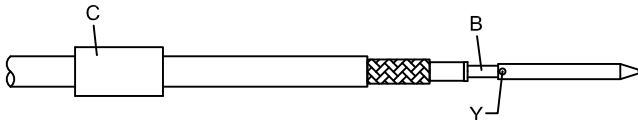
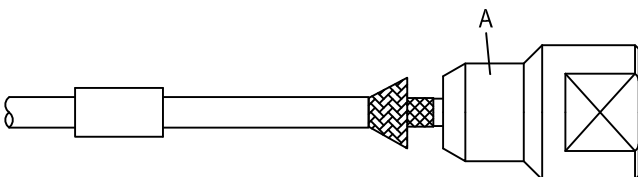
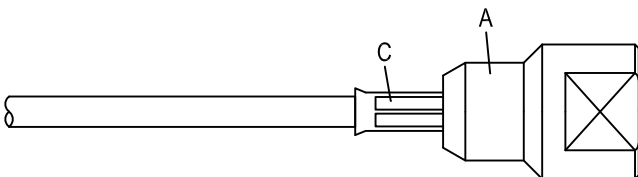
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

FME	FME3100DW-0316
Electrical Data Impedance 50Ω Frequency range DC to 650MHz VSWR ≤ 1.2 (DC to 650MHz) Insertion loss ≤ 0.1dB (at 1GHz) Insulation resistance ≥ 5000MΩ Contact resistance inner conductor ≤ 10mΩ Contact resistance outer conductor ≤ 5mΩ Dielectric withstanding voltage (at sea level) 1000 V rms Working Voltage (at sea level) 500 V rms	
Mechanical Data Coupling torque ≤ 17.7 inch lbs Durability (mating) ≥ 500	
Environmental Data Temperature range -55°C to +125°C Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant	
Tooling Crimping tool CRT-1 or CRT-2 Crimp insert INSERT-A	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

FME3100DW-0316		DATE	2015/03/10	REV	—
A B C    BODY CONTACT PIN FERRULE					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 3.3mm/0.130inch HEX SECTION OF INSERT-A)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

FME3100DW-0316

