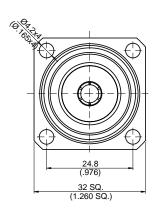
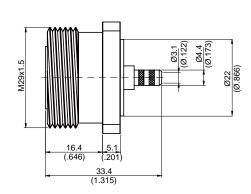


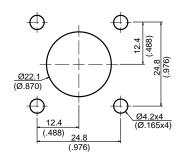
7/16-8146-0142

## 7/16 Jack Crimp 4-Hole Flange For RG142,RG400 7.5GHz VSWR1.25





### MOUNTING HOLE



_	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
Ī	Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
	Insulator	Teflon	
-	Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight:

Suitable Cables: RG55,RG142,RG142-E,RG400

This part number complies with RoHS.

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

## **JYEBAO** www.jyebao.com.tw

7/16	7/16-8146-0142			
Interface				
IEC 60169-4				
Electrical Data				
Impedance		50Ω		
Frequency range		DC to 7.5GHz		
VSWR		$\leq$ 1.25 (DC to 7.5GHz)		
Insertion loss		≦0.05dB		
Insulation resistance		$\geq$ 10000M $\Omega$		
Contact resistance inner cor	nductor	≤0.4m $Ω$		
Contact resistance outer cor	nductor	≤1.5m $Ω$		
Dielectric withstanding volta	ge (at sea level)	4000 V rms		
Working Voltage (at sea leve	el)	2700 V rms		
Rf leakage		≧128dB to 1GHz		
Mechanical Data				
Recommended coupling nut	torque	260 inch lbs		
Coupling proof torque		310 inch lbs		
Coupling nut retention force		≧221 lbs		
Contact captivation-axial		≧45 lbs		
Durability (mating)		≥500		
Environmental Data				
Temperature range	l.	-65°C to +165°C		
Thermal shock		MIL-STD-202, Method107, Condition B		
Moisture resistance		MIL-STD-202, Method106		
Corrosion		MIL-STD-202, Method101, Condition B		
RoHS		Compliant		
Tooling				
Crimping tool	CRT-1 or CRT-2			
Crimp insert	INSERT-B			

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

# JYE BAO CO., LTD. CABLE ASSEMBLY INSTRUCTION

7/16-8146-0142	DATE	2018/06/01	REV	_					
А	В								
BODY	FERRI	FERRULE							
DIAGRAM		ASSEMBLY INSTRUCTION							
17.2 [.678] 9.3 [.366]	Step 1: STRIP AS	Step 1: STRIP AS SHOWN.							
B SHARPEN	Step 3: SLIDE FE	IF USED ON RG400: TIN DIP CABLE CONDUCTOR TIP PRIOR TO							
	Step 4: LOOSEN	BRAIDING AND SLIDE CC	ONNECTOR " A "	IN PLACE.					
	AND CRI	Step 5: SLIDE FERRULE "B" TOWARDS THE CONNECTOR "A" AND CRIMP. (USE 5.5mm/0.217inch HEX SECTION OF INSERT-B)							
This part number complies with RoHS.  Notice: JYEBAO reserves the right to make modifications deemed appropriate.									
APPROVED CHECKED		DRAWING Albert							