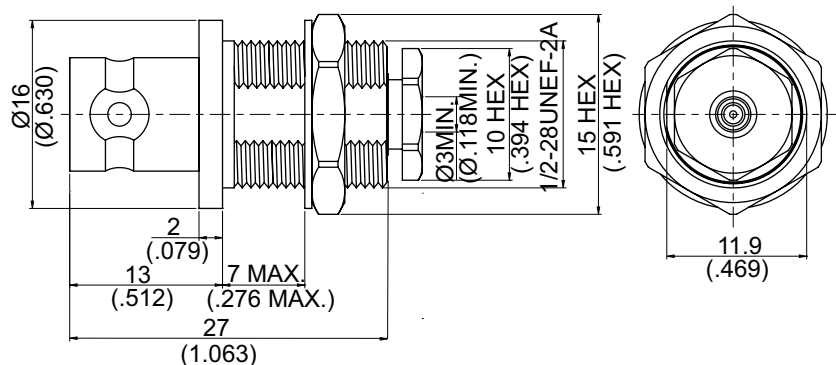


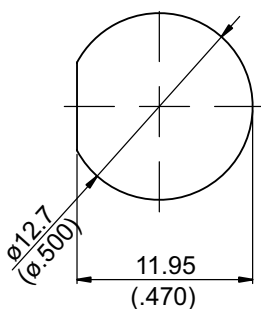
BNC8205D-0316

BNC Jack Clamp Bulkhead
For RD316,RD316-FEP; 4GHz VSWR 1.2

50Ω



MOUNTING HOLE



Parts	Material	Plating (Micro-inch)
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Top Hat	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 20.31 g

Suitable Cables: RD316, RD316-FEP

This part number complies with RoHS.

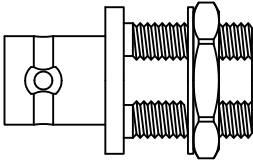
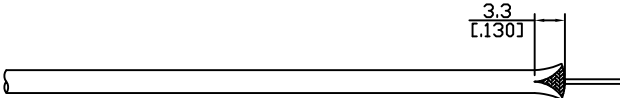
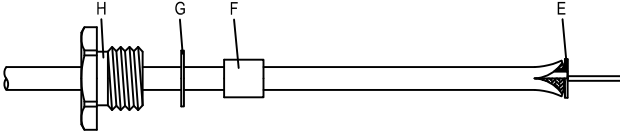
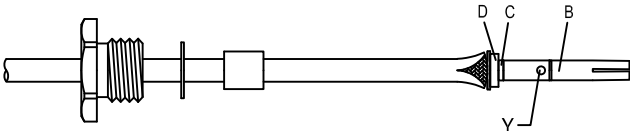
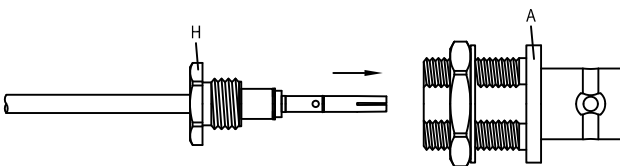
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

BNC		BNC8205D-0316	
Interface		MIL-STD-348B	
Electrical Data			
Impedance		50Ω	
Frequency range		DC to 4GHz	
VSWR		≤ 1.2 (DC to 4GHz)	
Insertion loss		$\leq 0.1 \times \sqrt{f(\text{GHz})}\text{dB}$	
Insulation resistance		$\geq 5000\text{M}\Omega$	
Contact resistance inner conductor		$\leq 1.5\text{m}\Omega$	
Contact resistance outer conductor		$\leq 1\text{m}\Omega$	
Dielectric withstanding voltage (at sea level)		1500 V rms	
Working voltage (at sea level)		500 V rms	
Mechanical Data			
Recommended coupling nut torque		0.6 to 2.5 inch lbs	
Coupling nut retention force		≥ 101.2 lbs	
Contact captivation-axial		≥ 6.1 lbs	
Durability (mating)		≥ 500	
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		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

BNC8205D-0316			DATE	2020/10/05	REV	—	
A	B	C	D	E	F	G	H
							
BODY + WASHER + HEX NUT	CONTACT PIN	INSULATOR	WASHER	TOP HAT	GASKET	WASHER	NUT
DIAGRAM			ASSEMBLY INSTRUCTION				
			Step 1: STRIP AS SHOWN.				
			Step 2: MAKE A 3.3MM LONG CUT IN THE JACKET WITHOUT DAMAGING THE BRAIDING.				
			Step 3: SLIDE NUT " H " 、 WASHER " G " AND GASKET " F " OVER CABLE. Step 4: SLIDE TOP HAT " E " BETWEEN BRAIDING AND DIELECTRIC.				
			Step 5: PUT WASHER " D " 、 INSULATOR " C " AND CONTACT PIN " B " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y ". (USE SQUARE 1.6mm/0.063inch SECTION OF INSERT-A IF CRIMPED)				
			Step 6: FINALLY SCREW NUT " H " 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		