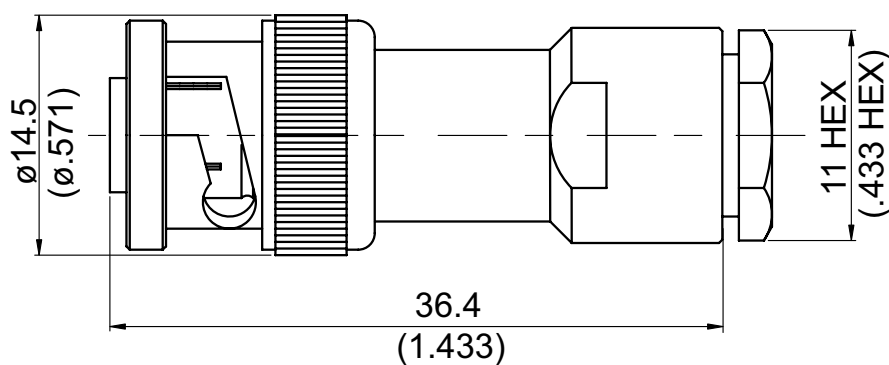


MHV3200B-0059

MHV Plug Clamp For RG59

50Ω



Note: RG59 is a 75ohm cable and MHV is a 50ohm interface resulting in an impedance mismatch and poor RF performance.

Parts	Material	Plating(Micro-inch)
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Braid Clamp	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicon	
Spring	SK5	
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 19.63 g

Suitable Cables: RG59

This part number complies with RoHS.

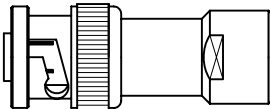
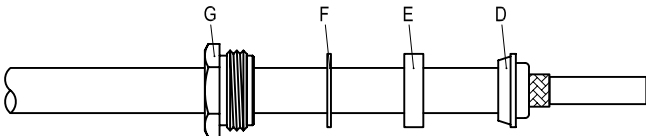
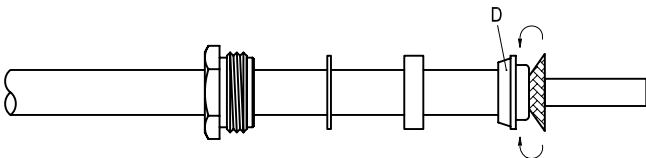
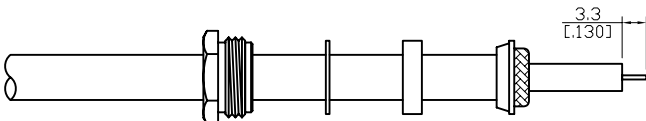
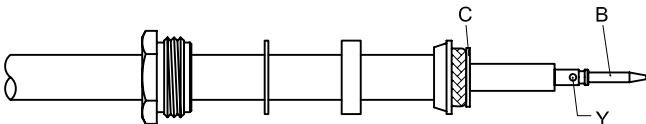
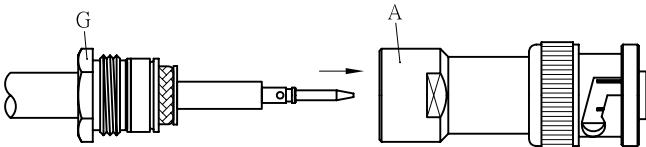
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

MHV	MHV3200B-0059
Interface MIL-STD-348B	
Electrical Data Impedance50Ω Frequency rangeDC to 300 MHz Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 2\text{m}\Omega$ Contact resistance outer conductor $\leq 1\text{m}\Omega$ Dielectric withstanding voltage (at sea level)5000 V rms Working Voltage (at sea level)1600 V rms	
Mechanical Data Recommended coupling nut torque0.6 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 shockMIL-STD-202, Method 107, Condition B Moisture resistanceMIL-STD-202, Method 106 CorrosionMIL-STD-202, Method 101, Condition B RoHSCompliant	
Tooling Crimping toolCRT-1 or CRT-2 Crimp insertINSERT-A	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

MHV3200B-0059			DATE	2016/08/22	REV	—
A	B	C	D	E	F	G
						
BODY	CONTACT PIN	WASHER	BRAID CLAMP	GASKET	WASHER	NUT
DIAGRAM			ASSEMBLY INSTRUCTION			
			Step 1: STRIP AS SHOWN.			
			Step 2: SLIDE NUT "G" 、 WASHER "F" 、 GASKET "E" AND BRAID CLAMP "D" OVER CABLE.			
			Step 3: WRAP THE BRAIDING OVER BRAID CLAMP "D" .			
			Step 4: STRIP AS SHOWN.			
			Step 5: SLIDE PREPARED CABLE INTO WASHER "C" . Step 6: PUT PIN "B" ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN "Y" . (USE SQUARE 1.6mm/0.063inch SECTION OF INSERT-A IF CRIMPED)			
			Step 7: FINALLY SCREW NUT "G" 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		