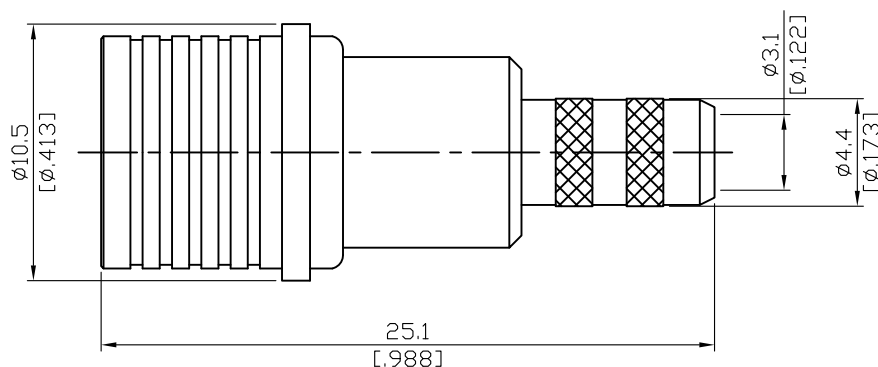


QMA3100-0058

QMA Plug Crimp For RG58, JBY195, LMR195;
6GHz VSWR 1.25

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
Contact Body	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: RG58, JBY195, LMR195

This part number complies with RoHS.

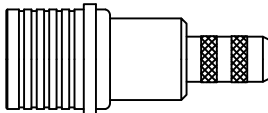
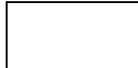
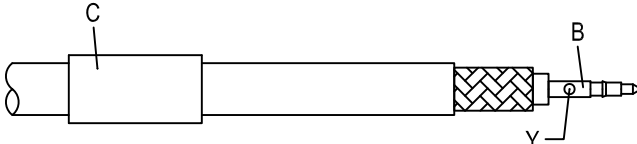
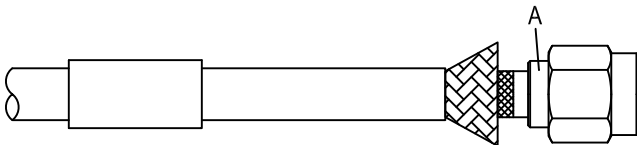
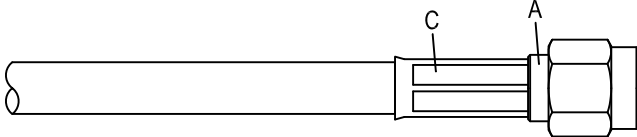
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

Description	QMA3100-0058
Electrical Data	
Impedance	50Ω
Frequency Range	DC to 6GHz
VSWR	≤ 1.25(DC To 6GHz);
Insertion Loss	≤ 0.05 x √f(GHz) dB
Insulation Resistance	≥ 5000MΩ
Contact Resistance Inner Conductor	≤ 3mΩ
Contact Resistance Outer Conductor	≤ 2.5mΩ
Dielectric Withstanding Voltage (at sea level)	1000 V rms, 50Hz
Working Voltage (at sea level)	480 V rms, 50Hz
RF Leakage	≥ 80dB to 3GHz; 70dB to 6GHz
Passive Intermodulation	≤ 120dBc at 1.8GHz, 2x20W
Mechanical Data	
Engagement Force (typical)	5.6 lbs
Disengagement Force (typical)	4.5 lbs
Retention Force for Interface	≥ 13.5 lbs
Durability (mating)	≥ 100
Environmental Data	
Temperature Range	-40°C to +85°C
Thermal Shock	IEC 60169-1 16.4 (-40°C to +85°C)
Corrosion Resistance	IEC 60169-1 16.7 (48hrs)
Damp Heat	IEC 60169-1 19.3 (96hrs) steady state
RoHS	Compliant

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

QMA3100-0058		DATE	2021/12/01	REV	—
A B C    BODYCONTACT PINFERRULE					
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 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	

QMA3100-0058

