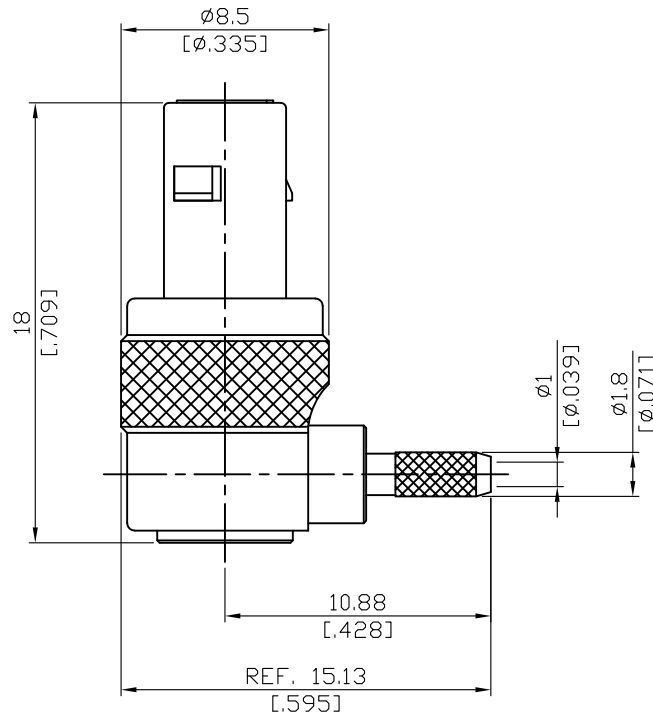


QLR3100-9178

QLR Plug Crimp Right Angle For RG178, RG178-FEP;
1.6GHz VSWR1.4

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

Suitable Cables: RG178, RG178-FEP

This part number complies with RoHS.

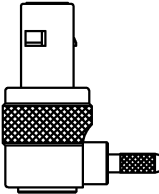
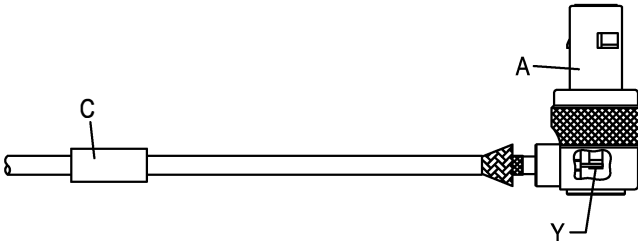
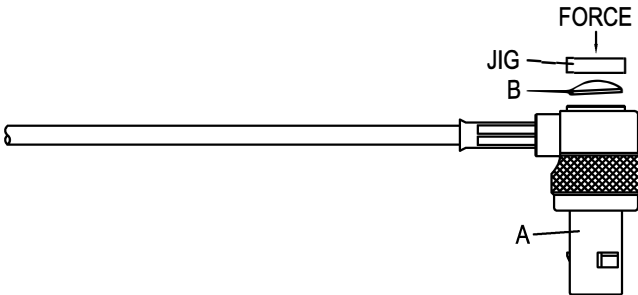
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

QLR	QLR3100-9178
Interface NIM-CAMAX-Standard CD/N549 Intermateable with QLA (HUBER&SUHNER), 00.250 (LEMO)	
Electrical Data Impedance 50Ω Frequency range DC to 1.6GHz VSWR ≤ 1.4 to 1.6GHz Insulation resistance $\geq 10^{12} \Omega$ Contact resistance inner conductor $\leq 6\text{m}\Omega$ Contact resistance outer conductor $\leq 3.5\text{m}\Omega$ Dielectric withstanding voltage (sea level) 1500 V rms, 50Hz Working Voltage unmated (sea level) ≤ 300 V rms, 50Hz Working Voltage mated (sea level) ≤ 500 V rms, 50Hz Rated Current 4A	
Mechanical Data Engagement Force (typical) 0.45 lbs Disengagement Force (typical) 1.1 lbs Contact captivation-axial ≥ 4.5 lbs Durability (mating) ≥ 5000	
Environmental Data Temperature range -55°C to +150°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

QLR3100-9178		DATE	2022/03/15	REV	—
A  BODY B  COVER C  FERRULE					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: WRAP THE BRAIDING UPWARDS. Step 4: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR " A " AND SOLDER IN " Y ".		
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 3.3mm/0.130inch HEX SECTION OF INSERT-A)		
			Step 6: PRESS ON THE TOP OF " B " WITH JIGS.		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

QLR3100-9178

