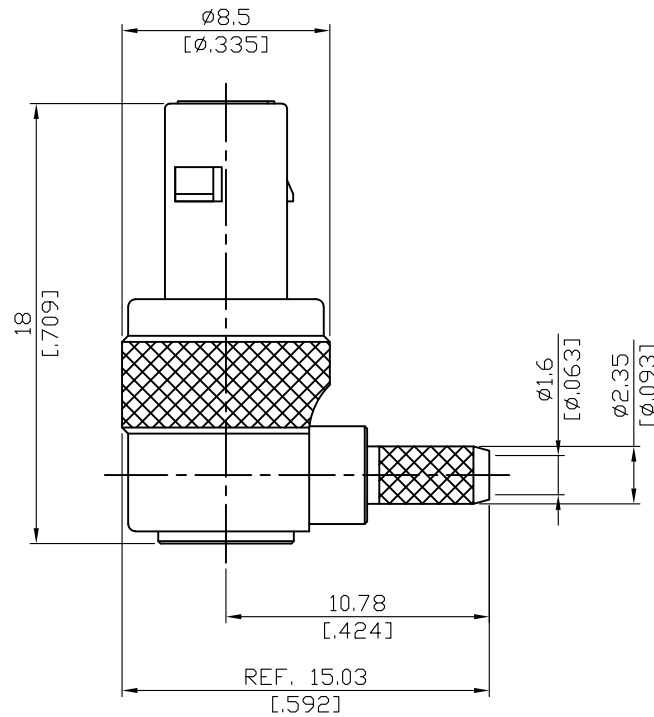


QLR3100D-9316

QLR Plug Crimp Right Angle For RD316,RD316-FEP;
1.4GHz VSWR 1.2

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: RD316; RD316-FEP

This part number complies with RoHS.

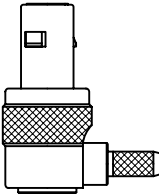
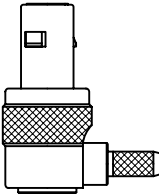
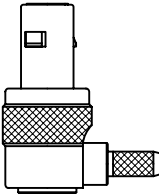
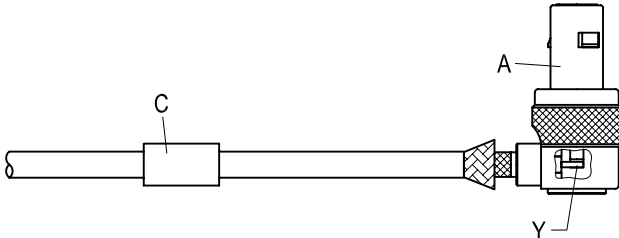
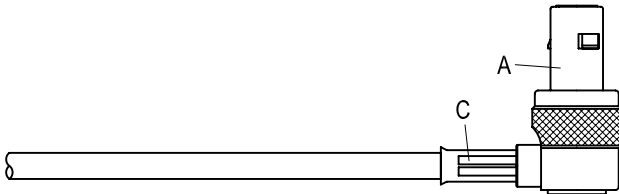
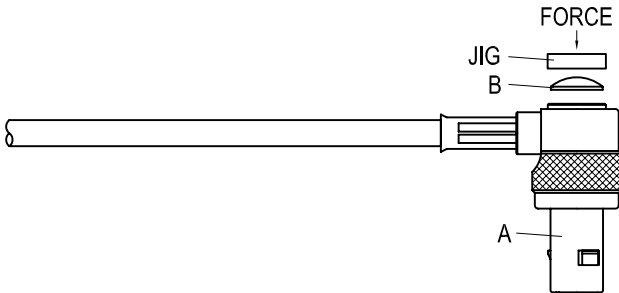
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

QLR	QLR3100D-9316
Interface NIM-CAMAX-Standard CD/N549 Intermateable with QLA (HUBER&SUHNER), 00.250 (LEMO)	
Electrical Data Impedance 50Ω Frequency range DC to 1.4GHz VSWR ≤ 1.2 to 1.4GHz 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	

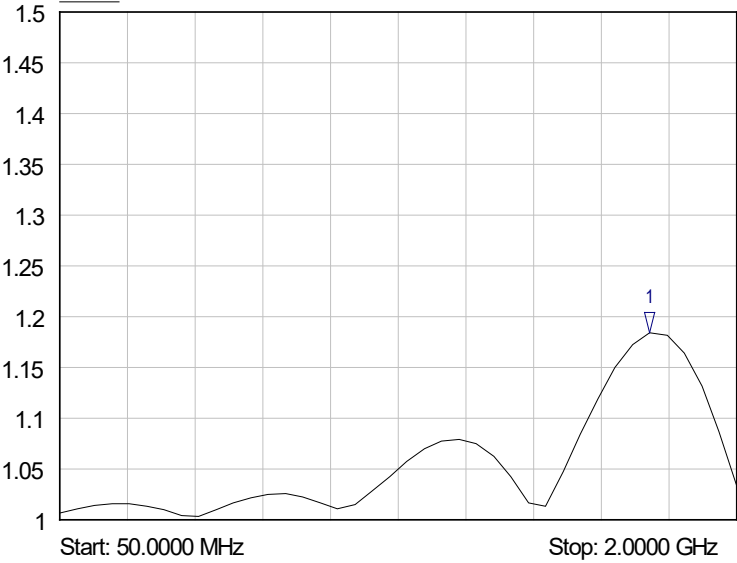
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

QLR3100D-9316		DATE	2018/01/24	REV	—									
<table><tr><td>A</td><td>B</td><td>C</td></tr><tr><td></td><td></td><td></td></tr><tr><td>BODY</td><td>COVER</td><td>FERRULE</td></tr></table>						A	B	C				BODY	COVER	FERRULE
A	B	C												
														
BODY	COVER	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										

SoftPlot Measurement Presentation
VSWR S11



1 S11
1.7500 GHz
1.18 VSWR