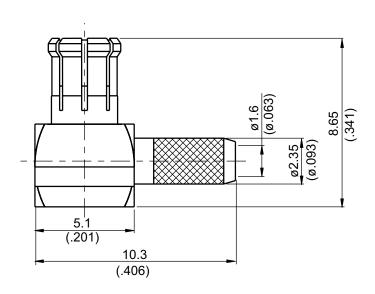


MCX3100D-9316

MCX Plug Crimp Right Angle For RD316,RD316-FEP; 6GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)	
Ferrule	Brass	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20	
Cover	Brass	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20	
Contact Pin Brass		Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20	
Insulator	Teflon		
Body	Phosphor Bronze	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20	

Weight: 1.04 g

Suitable Cables: RD316, RD316-FEP

This part number complies with RoHS.

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

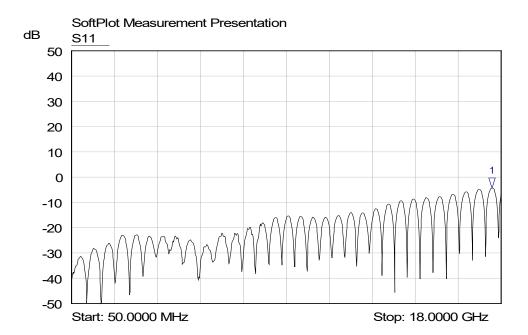
## **JYEBAO** www.jyebao.com.tw

MCX	MCX3100D-9316		
Interface			
IEC 61169-36			
Electrical Data			
Impedance	50Ω		
Frequency range	DC to 6GHz		
VSWR	≦1.2 (DC to 6GHz)		
Insertion loss	$\leq$ 0 .1dB to 1GHz; $\leq$ 0 .15 to 3GHz		
Insulation resistance	≧10000mΩ		
Contact resistance inner con	nductor ≦5mΩ		
Contact resistance outer co	nductor ≦2.5mΩ		
Dielectric withstanding volta	ge (at sea level) 750 V rms		
Working voltage (at sea leve	el) 250 V rms		
Mechanical Data			
Engagement force	≦5.6 lbs		
Disengagement force	1.8 to 4.5 lbs		
Contact captivation-axial	<u>≥</u> 2.3 lbs		
Durability (mating)	≧500		
Environmental Data			
Temperature range	-55°C to +155°C		
Thermal shock	MIL-STD-202, Method 107, Condition F		
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

MCX3100D-9316		DATE	2017/03/27	REV	_	
А	В	С	1	D		
			7			
BODY	INSULATOR	COV	ER FERI	RULE		
DIAGRAM		ASSEMBLY INSTRUCTION				
<b>\</b>	8.3 [.327] 3.1 [.122] 2 [.079]	Step 1: STRIP AS	S SHOWN.			
	A T	Step 3: WRAP TH Step 4: SLIDE CE	RRULE " D " OVER CABLI HE BRAIDING UPWARDS. ENTER CONDUCTOR ON T TOR " A " AND SOLDER IN	THE CONTACT	PIN OF	
<b>\</b>	D A	AND CRIM	RRULE " D " TOWARDS T MP. nm/0.130inch HEX SECTIO			
{	FORCE JIG C B A	Step 6: PRESS O	N THE TOP OF " C " AND	" B " WITH JIGS		
This part number complies with RoHS.  Notice: JYEBAO reserves the right to make modifications deemed appropriate.						
APPROVED	CHECKED	moduono dee	DRAWING	Albert		



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S11	17.6206 GHz	-4.26 dB	