

RCN4 SERIES: MCX CONNECTOR





❖ ELECTRICAL SPECIFICATION

PARAMETER		VALUE	UNIT
Frequency Range		0 ~ 6 GHz	GHz
Impedance		50	Ω
Working Voltage RMS, (Sea Level), max	RG178	250	V
	RG174, RG316	335	V
Dielectric Withstanding Voltage, min	RG178	750	V
	RG174, RG316	1000	V
VSWR, max	@ Straight Connector	1.07 ±0.06F (F in GHz)	-
	@ R/A Connector	1.17 ±0.06F (F in GHz)	-
Cable Retention Force, min	RG178	7.3	lbs
	RG174	9.7	lbs
	RG316	12.1	lbs
Connector Durability		500	mating
Disengagement Force		1.8 ~ 4.5	lbs
Engagement Force, max		5.6	lbs
Mating		Snap-on Coupling	-

❖ CATEGORY

- MCX STRAIGHT JACK FOR PCB RECEPTACLE
- MCX STRAIGHT JACK FOR SMD PCB RECEPTACLE
- MCX STRAIGHT JACK PCB RECEPTACLE
- MCX RIGHT ANGLE JACK PCB RECEPTACLE
- MCX RIGHT ANGLE PCB RECEPTACLE
- MCX RIGHT ANGLE JACK SMT RECEPTACLE
- MCX RIGHT ANGLE PLUG CRIMP FOR RG178U CABLE
- MCX STRAIGHT JACK CRIMP FOR RG174 CABLE
- MCX STRAIGHT PLUG CRIMP FOR RG174-188-316 CABLE

					
Rev	Change	Date	Name		
Projection	Scale	Date	Name	Description	
	--	Drawn	06.23.2021	AR	MCX CONNECTOR Series RCN4
		Checked	06.23.2021	CP	
		Approved	06.23.2021	CP	
Dimensions in mm					