

RCN1 SERIES: SMA CONNECTOR


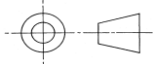


❖ ELECTRICAL SPECIFICATION

PARAMETER			VALUE	UNIT
Frequency Range			0 ~ 12.4 GHz	GHz
Impedance			50	Ω
Working Voltage RMS (Sea Level), max		RG178	170	V
		RG58	335	V
		RG174, RG316	250	V
Dielectric Withstanding Voltage, min		RG178	500	V
		RG174, RG316	750	V
		RG58	1000	V
		RG142, RG400	1000	V
VSWR, max	@ 6GHz	@ Straight Connector	1.3	-
		@ R/A Connector	1.5	-
Cable Retention Force, min		RG178	7.3	lbs
		RG174	9.7	lbs
		RG316	12.1	lbs
		RG58	28.7	lbs
		RG142, RG400	57.7	lbs
Connector Durability			500	mating
Coupling Nut Retention Force, min (for plug connectors only)			60	lbs
Coupling Proof Torque, min			15	inch-lbs
Mating			1/4-36 threaded coupling	-

❖ CATEGORY

- SMA RP STRAIGHT PLUG CRIMP
- RP-SMA RIGHT ANGLE JACK
- RP-SMA RIGHT ANGLE PLUG
- RP-SMA STRAIGHT JACK BULKHEAD
- SMA FEMALE PANEL 4 HOLE MOUNT
- SMA STRAIGHT JACK PANEL

						
Rev	Change	Date	Name			
Projection		Scale	Date	Name	Description	
		--	Drawn	06.23.2021		AR
		Checked	06.23.2021	CP		
		Approved	06.23.2021	CP		
Dimensions in mm					Series	SMA CONNECTOR
						RCN1
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