

**YDS-CA195-RPSMA(F)-RPSMA(M)-100cm
195 Series RPSMA Female to N Male 100cm Cable Assembly**



Front View



Back View

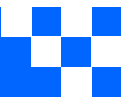
Specifications

Model No.	YDS-CA195-RPSMA(F)-RPSMA(M)-100cm
Cable Type	YCR195
Cable Length	100cm
Connector No.1	RPSMA Female
Connector No.2	RPSMA Male



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Cable Type: YCR195

Construction Specification		
Item	Material	Diameter(mm)
1. Inner Conductor	Copper Clad Aluminum	0.94
2. Dielectric	Physical Foam Polyethylene	2.79
3. Outer Conductor	Bonded Aluminum Foil + Tinned Copper Braid	Nom.3.53
4. Jacket	Polyethylene	4.95
Electrical Characteristics		
Capacitance(pF/m)	79.7	
Impedance(ohm)	50	
Velocity of Propagation(%)	80	
Inner Conductor DC Resistance(ohm/m)	26.08	
Outer Conductor DC Resistance(ohm/m)	16.88	
Jacket Voltage Withstanding(Vrms)	3000	
Peak Power(KW)	2.5	
Shielding Effectiveness(>dB)	90	
Mechanical and Environmental Characteristics		
Operating Temp(°C)	-40 to +80	
Bending Radius(mm)	25	
ROHS	Compliant	
Attenuation and Avg. Power(20°C)		
Frequency(MHz)	Attenuation(dB/100m)	Avg. Power(KW)
30	6.5	0.78
50	8.4	0.60
150	14.6	0.35
220	17.7	0.29
450	25.6	0.20
900	36.5	0.14
1500	47.7	0.11
1800	52.5	0.10
2000	55.5	0.08
2500	62.4	0.07
5800	93.0	0.05