

YDS-CA100-RPSMA(F)-RPSMA(M)-50cm
100 Series RPSMA Female to RPSMA Male 50cm Cable Assembly



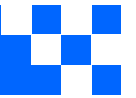
Front View



Back View

Specifications

Model No.	YDS-CA100-RPSMA(F)-RPSMA(M)-50cm
Cable Type	YCR100
Cable Length	50cm
Connector No.1	RPSMA Female
Connector No.2	RPSMA Male

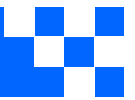


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Cable Type: YCR100

Construction Specification		
Item	Material	Diameter(mm)
1. Inner Conductor	Solid Copper or Copper Clad Steel	0.46
2. Dielectric	Solid Polyethylene	1.52
3. Outer Conductor	Un-Bonded Aluminum Foil + Tinned Copper Braid	Nom.2.10
4. Jacket	Black PVC or Polyethylene	2.79
Electrical Characteristics		
Capacitance(pF/m)	101.1	
Impedance(ohm)	50	
Velocity of Propagation(%)	66	
Inner Conductor DC Resistance(ohm/m)	108/266	
Outer Conductor DC Resistance(ohm/m)	31.2	
Jacket Voltage Withstanding(Vrms)	2000	
Peak Power(KW)	0.6	
Shielding Effectiveness(>dB)	90	
Mechanical and Environmental Characteristics		
Operating Temp(°C)	PVC	-25 to +70
	PE	-40 to +80
Bending Radius(mm)		14
ROHS		Compliant
Attenuation and Avg. Power(20°C)		
Frequency(MHz)	Attenuation(dB/100m)	Avg. Power(KW)
30	12.9	0.23
50	16.7	0.18
150	29.4	0.10
220	35.8	0.08
450	51.9	0.06
900	74.9	0.05
1500	98.7	0.04
1800	109.0	0.03
2000	115.5	0.02
2500	130.6	0.01