

**YDS-CA400-RPSMA(F)-RPSMA(M)-600cm**  
**400 Series RPSMA Female to RPSMA Male 600cm Cable Assembly**



Front View



Back View

**Specifications**

<b>Model No.</b>	<b>YDS-CA400-RPSMA(F)-RPSMA(M)-600cm</b>
<b>Cable Type</b>	YCR400
<b>Cable Length</b>	600cm
<b>Connector No.1</b>	RPSMA Female
<b>Connector No.2</b>	RPSMA Male



**YDS-CA400-RPSMA(F)-RPSMA(M)-600cm**  
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## Cable Type: YCR400

<b>Construction Specification</b>		
Item	Material	Diameter(mm)
1. Inner Conductor	Copper Clad Aluminum	2.74
2. Dielectric	Physical Foam Polyethylene	7.24
3. Outer Conductor	Bonded Aluminum Foil + Tinned Copper Braid	Nom.8.1
4. Jacket	Polyethylene	10.16
<b>Electrical Characteristics</b>		
Capacitance(pF/m)	78.4	
Impedance(ohm)	50	
Velocity of Propagation(%)	85	
Inner Conductor DC Resistance(ohm/m)	4.91	
Outer Conductor DC Resistance(ohm/m)	5.41	
Jacket Voltage Withstanding(Vrms)	8000	
Peak Power(KW)	16	
Shielding Effectiveness(>dB)	90	
<b>Mechanical and Environmental Characteristics</b>		
Operating Temp(°C)	-40 to +80	
Bending Radius(mm)	51	
ROHS	Compliant	
<b>Attenuation and Avg. Power(20°C)</b>		
Frequency(MHz)	Attenuation(dB/100m)	Avg. Power(KW)
30	2.2	2.91
50	2.9	2.21
150	5.0	1.28
220	6.1	1.05
450	8.9	0.72
900	12.8	0.50
1500	16.8	0.38
1800	18.6	0.34
2000	19.6	0.33
2500	22.2	0.29
5800	35.5	0.18