

**YDS-CA240-RPSMA(F)-RPSMA(M)-300cm**  
**240 Series RPSMA Female to RPSMA Male 300cm Cable Assembly**



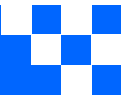
Front View



Back View

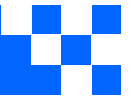
**Specifications**

<b>Model No.</b>	<b>YDS-CA240-RPSMA(F)-RPSMA(M)-300cm</b>
<b>Cable Type</b>	YCR240
<b>Cable Length</b>	300cm
<b>Connector No.1</b>	RPSMA Female
<b>Connector No.2</b>	RPSMA Male



**YDS-CA240-RPSMA(F)-RPSMA(M)-300cm**  
**240 Series RPSMA Female to RPSMA Male 300cm Cable Assembly**





**YDS-CA240-RPSMA(F)-RPSMA(M)-300cm**  
**240 Series RPSMA Female to RPSMA Male 300cm Cable Assembly**





## Cable Type: YCR240

Construction Specification		
Item	Material	Diameter(mm)
1. Inner Conductor	Copper Clad Aluminum	1.42
2. Dielectric	Physical Foam Polyethylene	3.81
3. Outer Conductor	Bonded Aluminum Foil + Tinned Copper Braid	Nom.4.52
4. Jacket	Polyethylene	6.10
Electrical Characteristics		
Capacitance(pF/m)	79.4	
Impedance(ohm)	50	
Velocity of Propagation(%)	84	
Inner Conductor DC Resistance(ohm/m)	11.43	
Outer Conductor DC Resistance(ohm/m)	13.40	
Jacket Voltage Withstanding(Vrms)	5000	
Peak Power(KW)	5.6	
Shielding Effectiveness(>dB)	90	
Mechanical and Environmental Characteristics		
Operating Temp(°C)	-40 to +80	
Bending Radius(mm)	30	
ROHS	Compliant	
Attenuation and Avg. Power(20°C)		
Frequency(MHz)	Attenuation(dB/100m)	Avg. Power(KW)
30	4.4	1.30
50	5.7	1.00
150	9.9	0.58
220	12.0	0.48
450	17.3	0.33
900	24.8	0.23
1500	32.4	0.18
1800	35.6	0.16
2000	37.7	0.15
2500	42.4	0.13
5800	66.8	0.09