

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



Front View



Back View

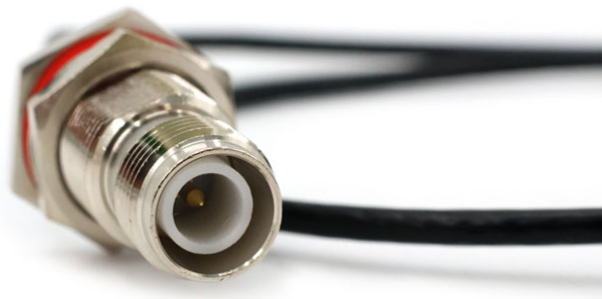
**Specifications**

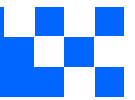
<b>Model No.</b>	<b>YDS-CA100-RPTNCBH(F)-RPTNC(M)-50cm</b>
<b>Cable Type</b>	YCR100
<b>Cable Length</b>	50cm
<b>Connector No.1</b>	RPTNCBH Female
<b>Connector No.2</b>	RPTNC Male

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



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





## 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