

**YDS-CA240-RAN(M)-RPSMA(M)-150cm**  
**240 Series Right Angle N Male to RPSMA Male 150cm Cable Assembly**



Front View



Back View

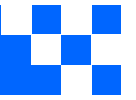
**Specifications**

|                       |  |
|-----------------------|--|
| <b>Model No.</b>      | <b>YDS-CA240-RAN(M)-RPSMA(M)-150cm</b> |
| <b>Cable Type</b>     | YCR240                                 |
| <b>Cable Length</b>   | 150cm                                  |
| <b>Connector No.1</b> | Right Angle N Male                     |
| <b>Connector No.2</b> | RPSMA Male                             |



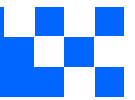
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## Cable Type: YCR240

| <b>Construction Specification</b>                   |  |                |
|---|--|----------------|
| 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           |
| <b>Electrical Characteristics</b>                   |  |                |
| 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   |                |
| <b>Mechanical and Environmental Characteristics</b> |  |                |
| Operating Temp(°C)                                  | -40 to +80                                 |                |
| Bending Radius(mm)                                  | 30   |                |
| ROHS  | Compliant                                  |                |
| <b>Attenuation and Avg. Power(20°C)</b>             |  |                |
| 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           |