

YDS-CA195-SMA(F)-RPSMA(M)-100cm
195 Series SMA Female to RPSMA Male 100cm Cable Assembly



Front View



Back View

Specifications

| | |
|-----------------------|--|
| Model No. | YDS-CA195-SMA(F)-RPSMA(M)-100cm |
| Cable Type | YCR195 |
| Cable Length | 100cm |
| Connector No.1 | SMA Fmale |
| Connector No.2 | RPSMA Male |

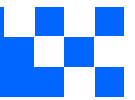


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Cable Type: YCR195

| Construction Specification | | |
|---|--|----------------|
| Item | Material | Diameter(mm) |
| 1. Inner Conductor | Copper Clad Aluminum | 0.94 |
| 2. Dielectric | Physical Foam Polyethylene | 2.79 |
| 3. Outer Conductor | Bonded Aluminum Foil + Tinned Copper Braid | Nom.3.53 |
| 4. Jacket | Polyethylene | 4.95 |
| Electrical Characteristics | | |
| Capacitance(pF/m) | 79.7 | |
| Impedance(ohm) | 50 | |
| Velocity of Propagation(%) | 80 | |
| Inner Conductor DC Resistance(ohm/m) | 26.08 | |
| Outer Conductor DC Resistance(ohm/m) | 16.88 | |
| Jacket Voltage Withstanding(Vrms) | 3000 | |
| Peak Power(KW) | 2.5 | |
| Shielding Effectiveness(>dB) | 90 | |
| Mechanical and Environmental Characteristics | | |
| Operating Temp(°C) | -40 to +80 | |
| Bending Radius(mm) | 25 | |
| ROHS | Compliant | |
| Attenuation and Avg. Power(20°C) | | |
| Frequency(MHz) | Attenuation(dB/100m) | Avg. Power(KW) |
| 30 | 6.5 | 0.78 |
| 50 | 8.4 | 0.60 |
| 150 | 14.6 | 0.35 |
| 220 | 17.7 | 0.29 |
| 450 | 25.6 | 0.20 |
| 900 | 36.5 | 0.14 |
| 1500 | 47.7 | 0.11 |
| 1800 | 52.5 | 0.10 |
| 2000 | 55.5 | 0.08 |
| 2500 | 62.4 | 0.07 |
| 5800 | 93.0 | 0.05 |