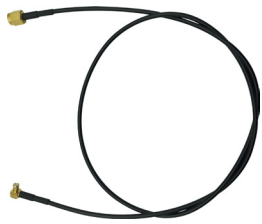


# RF Cable Assembly

## SMA Straight Plug - MCX R/A Plug

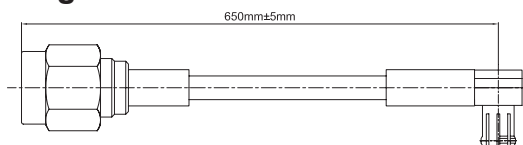


**RoHS  
Compliant**

### Specifications

Cable Length	: 650mm / 25.59"
Connector Type A	: SMA Straight Plug
Connector Type B	: MCX Right Angle Plug
Cable Type	: LMR100
Jacket Colour	: Black
Impedance	: 50Ω
Frequency	: 0 – 6.1GHz
VSWR	: ≤ 1.3@6.1GHz
Return Loss	: ≥ 17.692dB@6.1GHz
Voltage Rating	: 250V RMS
SMA Insulation Resistance	: 5,000MΩ Min.
MCX Insulation Resistance	: 1,000MΩ Min. Initial 500MΩ Min. after conditioning
Dielectric Withstanding Voltage	: 750V AC / 1 min. hold with no breakdown or flashover
SMA Contact Resistance	: Centre Contact: 3mΩ Max. Outer Contact: 2mΩ Max.
MCX Contact Resistance	: Centre Contact: 5mΩ Max. Outer Contact: 1mΩ Max.
Mating	: 1/4" – 36 Threaded Coupling / Snap-on Coupling
Durability	: 500 times
Body Material	: Brass/Beryllium Copper, Gold Plated
Centre Contact Material	: Brass, Gold Plated
Insulating Material	: PTFE

### Diagram



### Part Number Table

Description	Part Number
RF Cable Assembly, SMA Straight Plug – MCX R/A Plug with LMR100, 650mm	MC002997

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