

Synergy Telecom P Ltd.

SMZ(F) RG316/174/179 LMR100 CPS:-



Electrical Specification

Characteristic Impedance	50 ohm
Frequency Range	DC-3 GHz
VSWR	$\leq 1.07(0\sim 2.2G)$ $\leq 1.15(0\sim 3G)$
Dielectric strength	$\geq 25000V$ RMS, at sea level
Dielectric Resistance	$\geq 5000 M \Omega$
Insertion Loss	$\leq 0.08dB$ (@2200MHz)
Center Contact Resistance	$\leq 1.0M \Omega$
Outer Contact Resistance	$\leq 0.25M\Omega$
RoHS	Compliance

Mechanical

Durability Mating cycle	≥ 500
Termination cable retention	$\geq 300N$

Material Specification

Connector Parts	Material	Plating
Body	Brass	Gold
Outer Contact	Brass	CuSnZn
Center Contact	Brass	Au
Fastener	Brass	Ni
Dielectric	PTFE	-

Environmental

Temperature Range	- 40°C – +85 °C
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