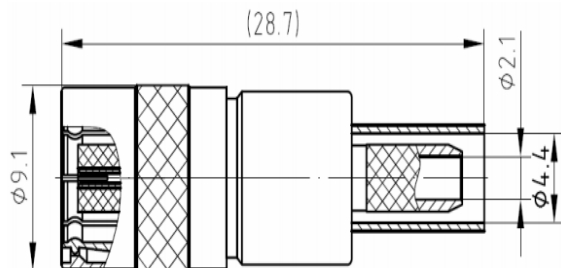


# Synergy Telecom P Ltd.

## SMZ Female or BT 43 For BT 3002 Cable



### Electrical Specification

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

### Mechanical

Durability Mating cycle	≥500
Termination cable retention	≥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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