

Synergy Telecom P Ltd.

SMZ(F) RG-59 CRIMP:-



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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