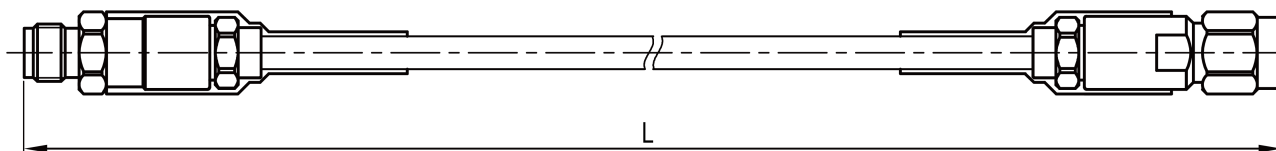




## High-Performance Test Coaxial Cable Assembly, RCT360-SFKM-L SMA Female to 2.92mm Male, DC-26.5GHz, ø3.6mm

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

|                        |                                           |
|------------------------|-------------------------------------------|
| <b>Frequency Range</b> | DC-26.5GHz, 50 Ohms                       |
| <b>Avg Power@25°C</b>  | 66.5W @26.5GHz                            |
| <b>I L@1M</b>          | 2.82 dB Max @26.5GHz                      |
| <b>VSWR</b>            | 1.25 Max (18-26.5GHz); 1.2 max (DC-18GHz) |
| <b>VOP</b>             | 76%                                       |
| <b>SE</b>              | 90dB Min                                  |
| <b>ATTEN-STAB</b>      | ±0.05dB Max                               |
| <b>Voltage</b>         | 500V@DC                                   |
| <b>Mech. Phase</b>     | ±7°                                       |
| <b>OT</b>              | -55~+125°C                                |

### Product Information

|                           |                                              |
|---------------------------|----------------------------------------------|
| <b>Product Number</b>     | RCT360-SFKM-L                                |
| <b>Product Type</b>       | High-Performance Test Coaxial Cable Assembly |
| <b>Cable</b>              | RCT360                                       |
| <b>Connector</b>          | SMA Female to 2.92mm(K,SK) Male              |
| <b>Connector Body</b>     | Passivated stainless steel                   |
| <b>Center Contact</b>     | Gold plated beryllium copper                 |
| <b>Bend Radius</b>        | 18.00mm                                      |
| <b>Bend Radius (Rep.)</b> | 36.00mm                                      |

Customized services: including connectors, length, phase matching/tracking, time delay, and better electrical performance.

### RCT360 Structure Characteristics



| Structure          | Material                           | ΦD(mm) |
|--------------------|------------------------------------|--------|
| 1.Center Conductor | Single-core Silver-plated Copper   | 0.72   |
| 2.Dielectric       | LD-PTFE                            | 2.10   |
| 3.Inner shield     | Silver-plated Copper Tape Wrapping | 2.25   |
| 4.Interlayer       | LD-PTFE                            | 2.55   |
| 5.Outer Shield     | Silver-plated Copper Wire Braiding | 3.01   |
| 6.Jacket           | Blue FEP                           | 3.60   |

### Product Selection and Loss Index @25°C

| RFTOP P/N | 3GHz | 15GHz | 26.5GHz |
|-----------|------|-------|---------|
|-----------|------|-------|---------|