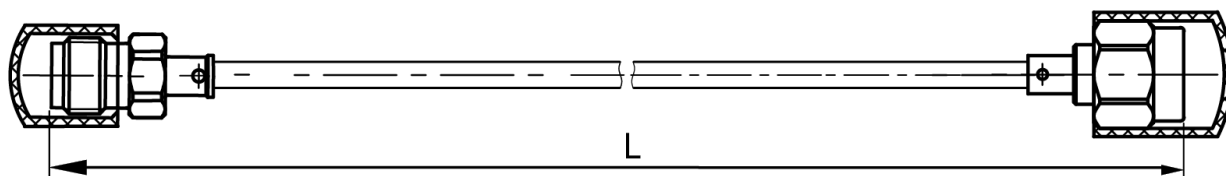


## Rigid Coaxial Cable Assembly, **RCS086L-KMKF-L** 2.92mm Male to 2.92mm Female, DC-40GHz, $\phi 2.2\text{mm}$

Dimensions(mm) Tolerance $\pm 1\%$



### Electrical & Environmental

|                 |                   |
|-----------------|-------------------|
| Frequency Range | DC-40GHz, 50 Ohms |
| Avg Power@25°C  | 20.3W @40GHz      |
| I L@1M          | dB Max @40GHz     |
| VSWR            | Max               |
| Capacitance     | 87 pF/m           |
| VOP             | 81%               |
| SE              | 110dB Min         |
| Voltage         | 1000V@DC          |
| Temp. Phase     | 750 PPM Max       |
| OT              | -55~+125°C        |

### Product Information

|                    |                                          |
|--------------------|------------------------------------------|
| Product Number     | RCS086L-KMKF-L                           |
| Product Type       | Rigid Coaxial Cable Assembly             |
| Cable              | RCS086L                                  |
| Connector          | 2.92mm(K,SK) Male to 2.92mm(K,SK) Female |
| Connector Body     | Passivated stainless steel               |
| Center Contact     | Gold plated beryllium copper             |
| Bend Radius        | 8.50mm                                   |
| Bend Radius (Rep.) | N/A                                      |

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

### RCS086L Structure Characteristics



| Structure          | Material                         | $\Phi\text{D}(\text{mm})$ |
|--------------------|----------------------------------|---------------------------|
| 1.Center Conductor | Single-core Silver-plated Copper | 0.51                      |
| 2.Dielectric       | LD-PTFE                          | 1.43                      |
| 3.Outer Shield     | Tin-plated Seamless Copper Tube  | 2.20                      |

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

| RFTOP P/N        | 3GHz | 22GHz | 40GHz |
|------------------|------|-------|-------|
| RCS086L-KMKF-100 | dB   | dB    | dB    |
| RCS086L-KMKF-150 | dB   | dB    | dB    |
| RCS086L-KMKF-200 | dB   | dB    | dB    |