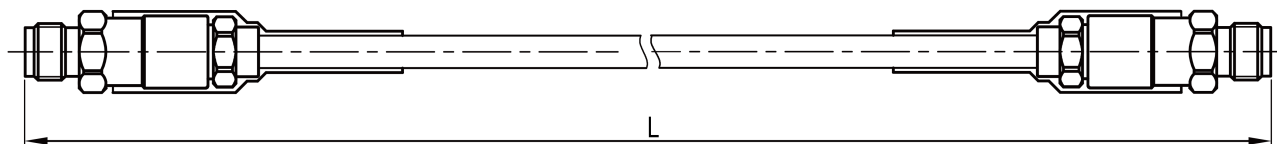


Ultra-Low Loss Phase Stable Cable Assembly, RCA150-KFKF-L 2.92mm Female to 2.92mm Female, DC-40GHz, ϕ 1.5mm

Dimensions(mm) Tolerance $\pm$ 1%



Electrical & Environmental

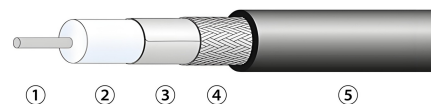
Frequency Range	DC-40GHz, 50 Ohms
Avg Power@25°C	7.7W @40GHz
I L@1M	7.23 dB Max @40GHz
VSWR	1.3 Max
Dk	1.49
Capacitance	84 pF/m
VOP	80%
SE	90dB Min
Voltage	300V@DC
Temp. Phase	750 PPM Max
OT	-40~+125°C

Product Information

Product Number	RCA150-KFKF-L
Product Type	Ultra-Low Loss Phase Stable Cable Assembly
Cable	RCA150
Connector	2.92mm(K,SK) Female to 2.92mm(K,SK) Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	8.00mm
Bend Radius (Rep.)	15.00mm

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

RCA150 Structure Characteristics



Structure	Material	Φ D(mm)
1.Center Conductor	Single-core Silver-plated Copper	0.30
2.Dielectric	LD-PTFE	0.85
3.Inner shield	Silver-plated Copper Tape Wrapping	1.00
4.Outer Shield	Silver-plated Copper Wire Braiding	1.20
5.Jacket	Gray FEP	1.50

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	22GHz	40GHz
RCA150-KFKF-300	1.04 dB	1.97 dB	2.52 dB
RCA150-KFKF-600	1.58 dB	3.43 dB	4.54 dB
RCA150-KFKF-1M	2.30 dB	5.39 dB	7.23 dB