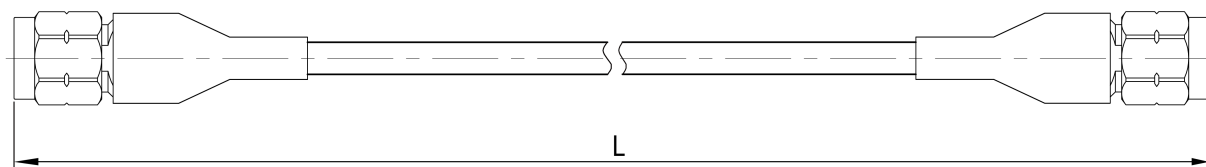


Ultra-Low Loss Phase Stable Cable Assembly, RCA310H-UMUM-L 2.4mm Male to 2.4mm Male, DC-50GHz, ø3.1mm

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



Electrical & Environmental

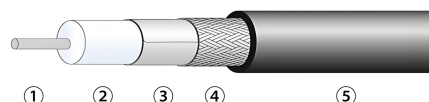
Frequency Range	DC-50GHz, 50 Ohms
Avg Power@25°C	37.1W @50GHz
IL@1M	4.1 dB Max @50GHz
VSWR	1.3 Max
Capacitance	80 pF/m
VOP	82%
SE	90dB Min
Voltage	500V@DC
Temp. Phase	750 PPM Max
OT	-40~+125°C

Product Information

Product Number	RCA310H-UMUM-L
Product Type	Ultra-Low Loss Phase Stable Cable Assembly
Cable	RCA310
Connector	2.4mm Male to 2.4mm Male
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	15.00mm
Bend Radius (Rep.)	31.00mm

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

RCA310 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	0.70
2.Dielectric	LD-PTFE	1.93
3.Inner shield	Silver-plated Copper Tape Wrapping	2.09
4.Outer Shield	Silver-plated Copper Wire Braiding	2.66
5.Jacket	Gray FEP	3.10

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	26GHz	50GHz
RCA310H-UMUM-100	0.58 dB	0.76 dB	0.86 dB
RCA310H-UMUM-200	0.66 dB	1.01 dB	1.22 dB
RCA310H-UMUM-300	0.75 dB	1.27 dB	1.58 dB
RCA310H-UMUM-600	0.99 dB	2.03 dB	2.66 dB
RCA310H-UMUM-1M	1.32 dB	3.05 dB	4.10 dB
RCA310H-UMUM-1.5M	1.73 dB	4.33 dB	5.90 dB
RCA310H-UMUM-2M	2.14 dB	5.61 dB	7.70 dB