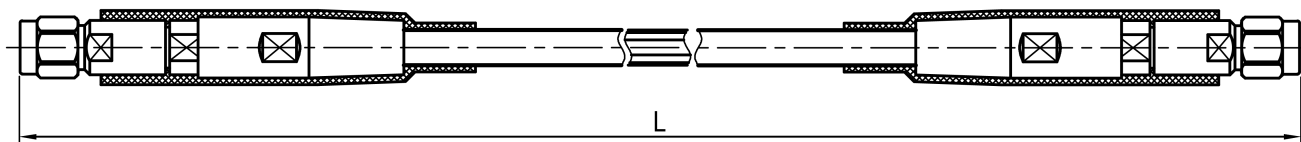




Internal Connection Coaxial Cable Assembly, RCQ260-SMSM-L SMA Male to SMA Male, DC-18GHz, $\phi 2.6\text{mm}$

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



Electrical & Environmental

Frequency Range	DC-18GHz, 50 Ohms
Avg Power@25°C	27.3W @18GHz
Insertion Loss@1M	3.8 dB Max @18GHz
VSWR	1.25 Max
Capacitance	94 pF/m
Velocity of Propagation	70%
Shielding Effectiveness	90dB Min
Withstand Voltage	1000V@DC
OT	-55~+125°C

Product Information

Product Number	RCQ260-SMSM-L
Product Type	Internal Connection Coaxial Cable Assembly
Cable	RCQ260
Connector	SMA Male to SMA Male
Connector Body	Passivated stainless steel & Gold plated brass
Center Contact	Gold plated brass
Bend Radius	13.00mm
Bend Radius (Repeated)	26.00mm

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

RCQ260 Structure Characteristics



Structure	Material	$\Phi D(\text{mm})$
1.Center Conductor	Single-core Silver-plated Copper	0.53
2.Dielectric	Solid PTFE	1.68
3.Inner shield	Silver-plated Copper Tape Wrapping	1.88
4.Outer Shield	Silver-plated Copper Wire Braiding	2.20
5.Jacket	Blue FEP	2.60

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	10GHz	18GHz
RCQ260-SMSM-100	0.71 dB	0.83 dB	0.92 dB
RCQ260-SMSM-150	0.77 dB	0.95 dB	1.08 dB
RCQ260-SMSM-200	0.83 dB	1.06 dB	1.24 dB
RCQ260-SMSM-300	0.94 dB	1.30 dB	1.56 dB
RCQ260-SMSM-600	1.28 dB	1.99 dB	2.52 dB
RCQ260-SMSM-1M	1.74 dB	2.92 dB	3.80 dB