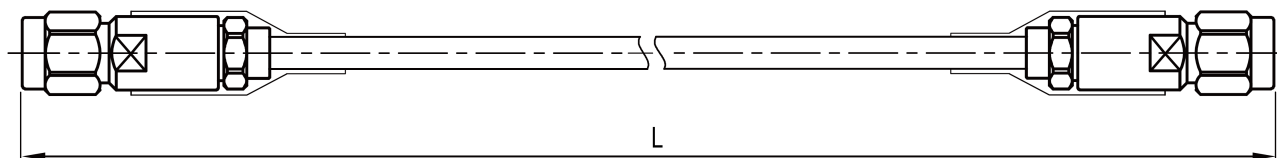




Economical Super-Soft Cable Assembly, RCE520-SMSM-L
SMA Male to SMA Male, DC-26.5GHz, ø5.2mm

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



Electrical & Environmental

Frequency Range	DC-26.5GHz, 50 Ohms
Avg Power@25°C	W @26.5GHz, W @6GHz
Insertion Loss@1M	3.25 dB Max @26.5GHz
VSWR	1.3 Max
Capacitance	94 pF/m
Velocity of Propagation	70%
Shielding Effectiveness	90dB Min
Withstand Voltage	1500V@DC
OT	-55~+125°C

Product Information

Product Number	RCE520-SMSM-L
Product Type	Economical Super-Soft Cable Assembly
Cable	RCE520
Connector	SMA Male to SMA Male
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	20.00mm
Bend Radius (Repeated)	40.00mm

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

RCE520 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Silver-plated Copper	0.91
2.Dielectric	PTFE	3.00
3.Inner shield	Silver-plated Copper Tape Wrapping	3.30
4.Outer Shield	Silver-plated Copper Wire Braiding	3.65
5.Jacket	Blue FEP	5.20

RCE520 Replacement Model

Times	Tflex-402
Harbour	SS402
Habia	MultiFlex-141

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	15GHz	26.5GHz
RCE520-SMSM-300	0.81 dB	1.14 dB	1.39 dB
RCE520-SMSM-400	0.88 dB	1.32 dB	1.66 dB
RCE520-SMSM-600	1.02 dB	1.68 dB	2.19 dB
RCE520-SMSM-700	1.09 dB	1.86 dB	2.45 dB
RCE520-SMSM-1M	1.29 dB	2.41 dB	3.25 dB
RCE520-SMSM-1.5M	1.64 dB	3.31 dB	4.57 dB
RCE520-SMSM-2M	1.99 dB	4.21 dB	5.89 dB
RCE520-SMSM-3M	2.68 dB	6.02 dB	8.54 dB



Microwave and Millimeter wave products
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Economical Super-Soft Cable Assembly, RCE520-SMSM-L SMA Male to SMA Male, DC-26.5GHz, $\varnothing 5.2\text{mm}$

Typical Test Data

RCE520-SMSM-1M

