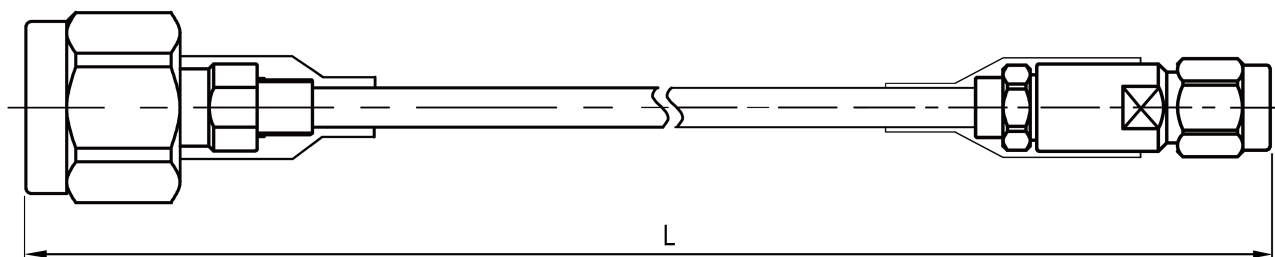




Economical Super-Soft Cable Assembly, RCE520-NMSM-L N Male to SMA Male, DC-18GHz, ø5.2mm

Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-18GHz, 50 Ohms
Avg Power@25°C	W @18GHz, W @6GHz
Insertion Loss@1M	2.55 dB Max @18GHz
VSWR	1.25 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-NMSM-L
Product Type	Economical Super-Soft Cable Assembly
Cable	RCE520
Connector	N 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	10GHz	18GHz
RCE520-NMSM-300	0.71 dB	0.94 dB	1.12 dB
RCE520-NMSM-500	0.85 dB	1.23 dB	1.53 dB
RCE520-NMSM-1M	1.19 dB	1.96 dB	2.55 dB

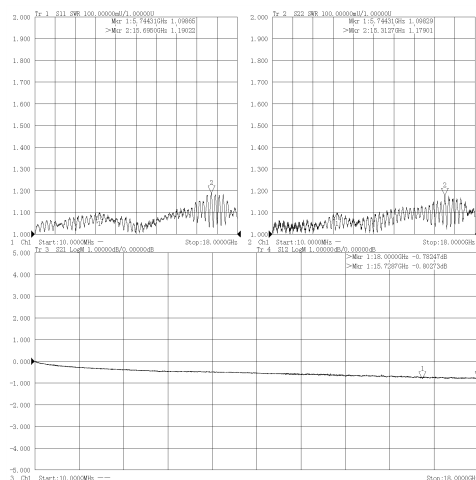


Economical Super-Soft Cable Assembly, RCE520-NMSM-L

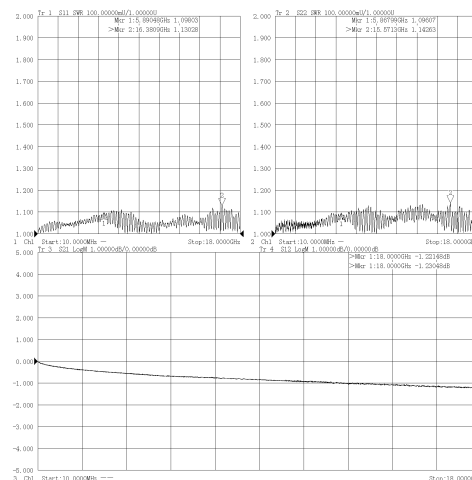
N Male to SMA Male, DC-18GHz, $\varnothing 5.2\text{mm}$

Typical Test Data

RCE520-NMSM-300



RCE520-NMSM-500



RCE520-NMSM-1M

