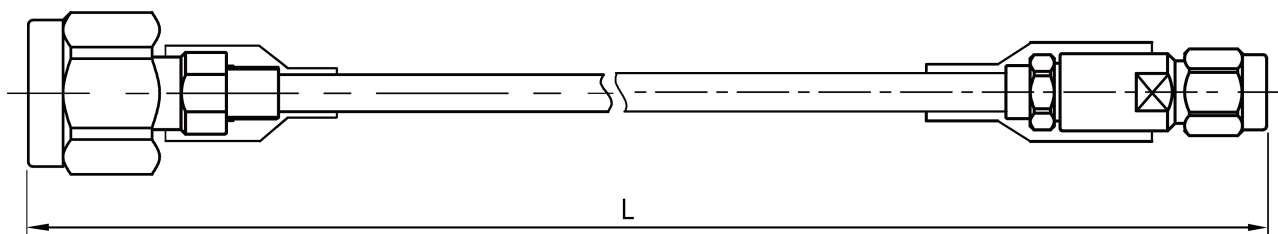




Economical Super-Soft Cable Assembly, RCE520-NMSF-L N Male to SMA Female, DC-18GHz, $\phi 5.2\text{mm}$

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



Electrical & Environmental

Frequency Range	DC-18GHz, 50 Ohms
Avg Power@25°C	W @18GHz
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	-40~+85°C

Product Information

Product Number	RCE520-NMSF-L
Product Type	Economical Super-Soft Cable Assembly
Cable	RCE520
Connector	N Male to SMA Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass & 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	$\Phi D(\text{mm})$
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

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	10GHz	18GHz
RCE520-NMSF-600	0.92 dB	1.38 dB	1.73 dB
RCE520-NMSF-1M	1.19 dB	1.96 dB	2.55 dB
RCE520-NMSF-1.5M	1.54 dB	2.69 dB	3.58 dB
RCE520-NMSF-2M	1.89 dB	3.42 dB	4.61 dB