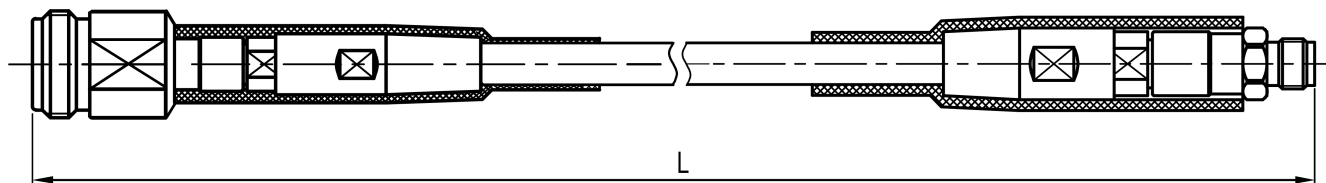




Armored Test Cable Assembly, RCP600-NFSF-L N Female to SMA Female, DC-18GHz, Ø6mm

Dimensions(mm) Tolerance±1%



Electrical & Environmental

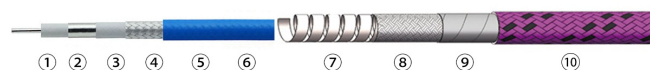
Frequency Range	DC-18GHz, 50 Ohms
Avg Power@25°C	114W @18GHz, 203W @6GHz
Insertion Loss@1M	2.3 dB Max @18GHz
VSWR	1.2 Max
Velocity of Propagation	76%
Shielding Effectiveness	90dB Min
Attenuation stability	±0.05dB Max
Withstand Voltage	500V@DC
Mechanical Phase	±7°
OT	-55~+165°C

Product Information

Product Number	RCP600-NFSF-L
Product Type	Armored Test Cable Assembly
Cable	RCT360/RCP600
Connector	N Female to SMA Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	18.00mm
Bend Radius (Repeated)	36.00mm

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

RCT360/RCP600 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	0.72
2.Dielectric	LD-PTFE	2.10
3.Inner shield	Silver-plated Copper Tape Wrapping	2.25
4.Interlayer	LD-PTFE	2.55
5.Outer Shield	Silver-plated Copper Wire Braiding	3.01
6.Jacket	Blue FEP	3.60
7.Spring	Stainless steel Tape	4.95
8.Braided Layer	Tin-plated Copper Wire	5.20
9.Stable Layer	PTFE	5.50
10.Armor Jacket	Purplish Black PTFE	6.00

Product Selection and Loss Index @25°C

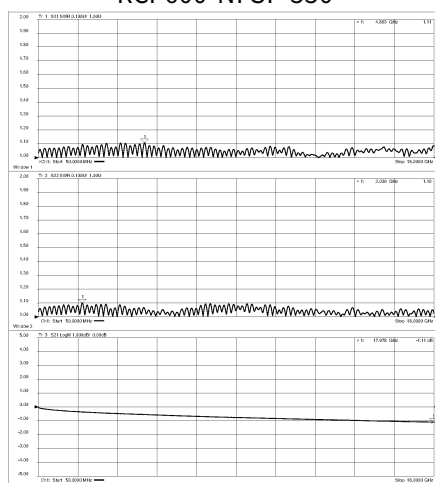
RFTOP P/N	3GHz	10GHz	18GHz
RCP600-NFSF-550	0.66 dB	1.08 dB	1.36 dB
RCP600-NFSF-600	0.7 dB	1.15 dB	1.46 dB
RCP600-NFSF-1M	1.04 dB	1.79 dB	2.3 dB
RCP600-NFSF-1.5M	1.46 dB	2.59 dB	3.35 dB
RCP600-NFSF-2M	1.88 dB	3.38 dB	4.4 dB



Armored Test Cable Assembly, **RCP600-NFSF-L** N Female to SMA Female, DC-18GHz, $\varnothing 6\text{mm}$

Typical Test Data

RCP600-NFSF-550





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