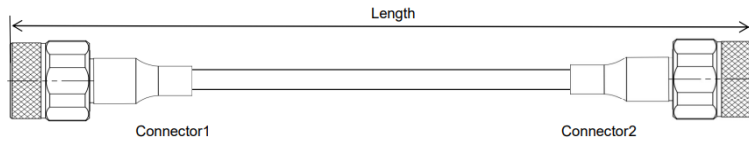


SRFS TELEINFRA

Armored Bench Test Cable Assembly, Using SRFS520P DC-18 GHz, N Male to N Male

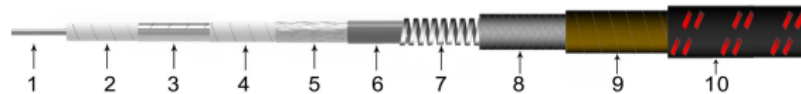


- Length can be in meter or in inch etc, e.g, SRFS520P-NMNM-1M-A. Standard length tolerance: $\pm 1.5\%$. Custom lengths and other connector types available.
- Length is measured from one connector end to the other connector end as shown above. For RA connectors, use the pin center-line..

Configuration

Connector1	N male	Connector 2	N male
Body	Passivated stainless steel	Body	Passivated stainless steel
Center Contact	Gold plated brass	Center Contact	Gold plated brass
Cable Type	PL520P	Armor	AL780

Cable and Armor Construction



No.	Construction	Size(mm)	Materials
1	Center Conductor	1.45	Solid silver-plated copper
2	Dielectric	4.00	Low density PTFE
3	Outer Conductor	4.20	Silver-plated copper tape wraps
4	Interlayer	4.45	Low density PTFE
5	Outer Shield	4.90	Silver-plated copper wire braid
6	Inner Jacket	5.40	FEP
7	Crush Resistance Layer	6.40	Stainless steel spirals
8	Strengthening Layer	7.00	Silver plated copper braid
9	Waterproof Layer	7.05	PTFE Binder
10	Armor Jacket	7.80	Braiding PTFE

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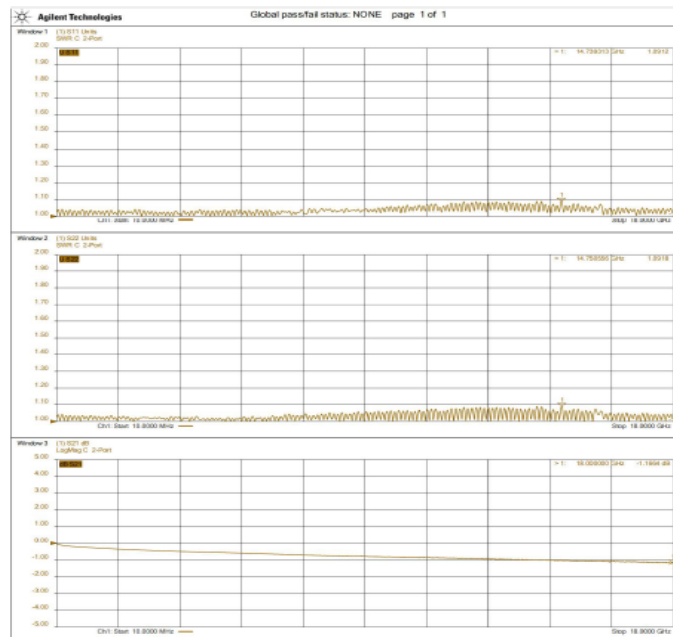
SRFS TELEINFRA

Armored Bench Test Cable Assembly, Using SRFS520P

Frequency MHz	300	1000	2000	4000	6000	8000	10000	12000	14000	18000	20000	26500
dB/100 Meter	12.5	23.0	32.7	46.6	57.4	66.6	74.8	82.3	89.3	101.9	107.8	125.2
Avg.Power kW	1.608	0.875	0.615	0.431	0.350	0.302	0.268	0.244	0.225	0.197	0.186	0.160
Attenuation at any frequency = $[0.715686 \times \text{SQRT}(\text{FMHz})] + [0.000328 \times \text{FMHz}]$												

Electrical & Mechanical Specifications	
Frequency	DC-18 GHz
Impedance	50 Ω
Min. Bending Radius Static	39mm
Min. Bending Radius Repeated	78mm
VSWR	1.25
Velocity of Propagation	82%
IL Max(1 meter assembly)	1.5dB
Flex Life Min	20000 cycles
*Mechanical Phase Stability	<±5°
Amplitude Stability vs Shaking	<±0.1dB
Temperature(Operation)	-50~85 °C
Temperature(Storage)	-60~85 °C

Typical Test Data



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