



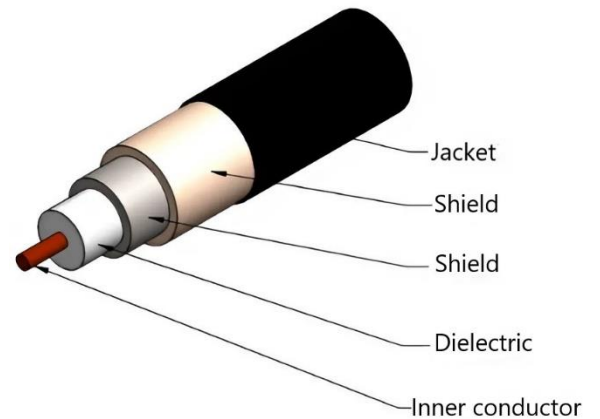
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## RF CABLE USING MULTIFLEX\_86, WITH SMA RIGHT MALE TO SMA RIGHT MALE CONNECTOR

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### SFO-SS85MXF

- Shield: Double shielded
- Fluorinated ethylene propylene jacket
- Silver plated copper conductor
- Lower signal losses



#### Configuration:

Connector 1	Connector 2	Cable Type	Cable Flex Type
SMA Right Male	SMA Right Male	MULTIFLEX_86	Flexible

#### Electrical Specification:

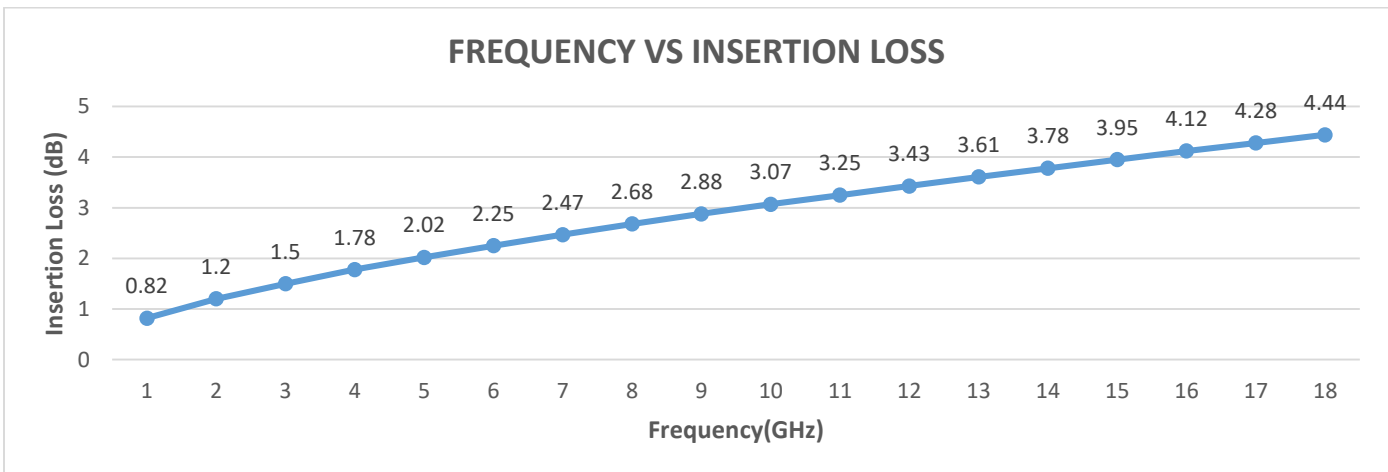
Description	Minimum	Typical	Maximum	Units
Impedance		50		Ohm
Operating Frequency	DC		18	GHz
VSWR			1.35:1	
Insertion Loss			4.44	dB
Velocity of Propagation		70.6		%
Capacitance		95		[pF/m]
Operating Voltage (AC)		≤1.5		K Vrms



**Typical Performance Data:**

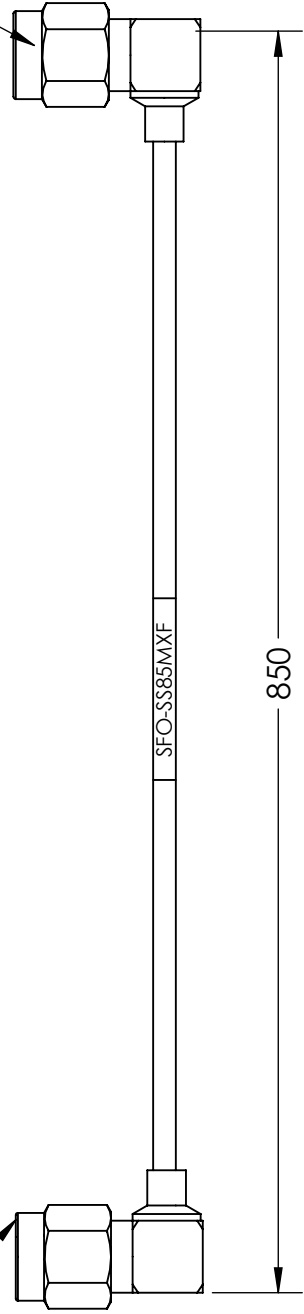
Frequency (GHz)	Insertion Loss(dB)
1	0.82
2 GHz	1.20
3 GHz	1.50
4 GHz	1.78
5 GHz	2.02
6 GHz	2.25
7 GHz	2.47
8 GHz	2.68
9GHz	2.88
10GHz	3.07
11GHz	3.25
12GHz	3.43
13GHz	3.61
14GHz	3.78
15GHz	3.95
16GHz	4.12
17GHz	4.28
18GHz	4.44

**Frequency vs Insertion Loss Plot:**





SMA right male



850

SFO-SS85MXF

TITLE

SMA RIGHT MALE TO SMA RIGHT MALE CABLE USING MULTIFLEX\_86

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS

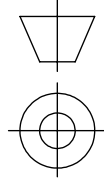
TOLERANCES FOR CABLE LENGTH

<12 (305)	+0.25(6.35)
12(305) to 30(762)	+1.0(25.4)
30 (762) to 60 (1524)	+2.0(50.8)
60(1524) to 100 (2540)	+3.0(76.2)
100(2540) to 150 (3810)	+4.0(101.6)
>150(3810)	5% (127)

DRAWN BY ARIF SIZE A4

PRODUCT CODE  
SFO-SS85MXF

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SCALE NONE SHEET 1 of 1

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A

B

C

D

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