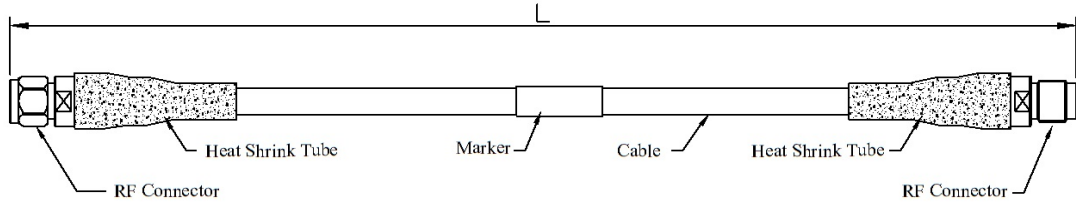


## LKXXX-SMAMSAF-XXX RF Coaxial Cable Assembly

Drawing:



Electrical & Mechanical Characteristic	
Frequency Range (GHz)	18GHz
Impedance Nominal ( $\Omega$ )	50
Insulation Resistance (M $\Omega$ )	5000
Dielectric Withstanding Voltage (V)	1000
VSWR	1.25
Shielding Effectiveness (dB)	Refer to selection cable
Minimum Bend Radius (mm)	Refer to selection cable
Temperature Range ( $^{\circ}$ C)	-55~165
Cable Diameter (mm)	Refer to selection cable

Material & Coating	
<b>1. Cable</b>	
a. Inner Conductor	Silver plated copper wire/ bare Cu/ Copper clad aluminium wire
b. Insulation	Low density PTFE
c. First Outer Shield	Silver plated copper foil wrap/ Silver plated copper flat wire braid
d. Second Outer Shield	Silver plated copper wire braid/ Silver plated copper flat wire braid
e. Third Outer Shield	/
f. Jacket	FEP/TPU/PVC
<b>Connector</b>	
a. Inner Conductor	Brass gold-plated
b. Base	PTFE
c. Shell	Passivated stainless steel/ Brass gold-plated/ Ni
d. Threaded Sleeve	Passivated stainless steel/ Brass gold-plated/ Ni
3. Armor	TBD

## LKXXX-SMAMSMAF-XXX RF Coaxial Cable Assembly

Product Series List						
Product Series	Maximum Insertion Loss (dB)					
	3GHz	6GHz	10GHz	18GHz	26.5Ghz z	40GHz
LK087-SMAMSMAF-100	1.37	1.89	3.22	4.22	/	/
LK140-SMAMSMAF-100	0.82	1.17	1.53	2.08	/	/
LK190-SMAMSMAF-100	0.62	0.84	1.12	1.51	/	/
LK200-SMAMSMAF-100	0.60	0.80	1.10	1.48	/	/
LK200A-SMAMSMAF-100	0.60	0.80	1.10	1.48	/	/
LK218-SMAMSMAF-100	/	0.74	/	1.52	/	/
LK230-SMAMSMAF-100	0.54	0.80	/	1.40	/	/
LK311-SMAMSMAF-100	0.48	0.65	0.82	1.11	/	/
LKF195-SMAMSMAF-100	0.91	1.32	1.75	2.41	/	/
LKF280-SMAMSMAF-100	0.69	1.01	1.37	1.92	/	/
LKSF141-SMAMSMAF-100	0.75	1.07	/	/	/	/
LKSF202-SMAMSMAF-100	0.60	1.00	/	/	/	/
LKSF208-SMAMSMAF-100	0.58	0.97	/	/	/	/
LKMF141-SMAMSMAF-100	0.86	1.35	1.75	2.42	/	/

The connector model, cable type and product length can be customized, product naming rule is defined as below:

