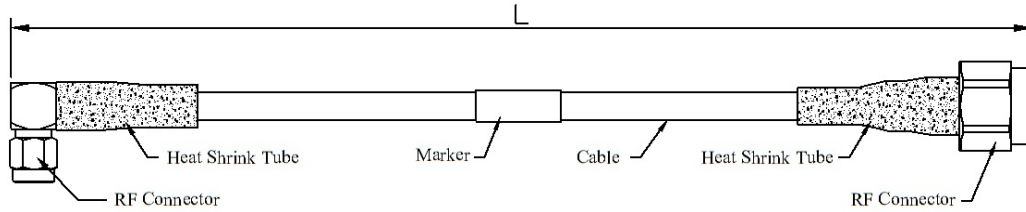


LKXXX-SMAMRNM-XXX RF Coaxial Cable Assembly

Drawing:



Electrical & Mechanical Characteristic	
Frequency Range (GHz)	18GHz
Impedance Nominal (Ω)	50
Insulation Resistance (M Ω)	5000
Dielectric Withstanding Voltage (V)	1000
VSWR	1.3
Shielding Effectiveness (dB)	Refer to selection cable
Minimum Bend Radius (mm)	Refer to selection cable
Temperature Range ($^{\circ}\text{C}$)	-55~165
Cable Diameter (mm)	Refer to selection cable

Material & Coating	
1. Cable	
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
Connector	
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-SMAMRNM-XXX RF Coaxial Cable Assembly

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

