

ELECTRICAL DATA

FREQUENCY: DC-6GHz

IMPEDANCE: 50Ω

VSWR: 1.42:1@DC-6GHz

INSULATION RESISTANCE: 500Mega-ohms

DIELECTRIC WITHSTANDING: 500Vrms

CENTER CONTACT RESISTANCE: [20+L(mm)*0.5] Mini-Ohms

OUTER CONTACT RESISTANCE: [12+L(mm)*0.5] Mini-Ohms

LENGTH	P/N
1500mm±20mm	MAC63064Z.F085.150A
2000mm±20mm	MAC63064Z.F085.200A

MECHANICAL DATA

COUPLING METHOD:

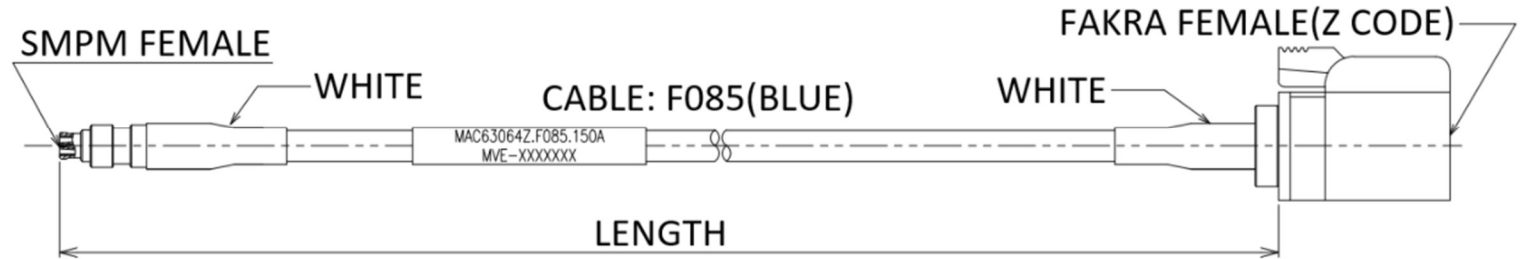
FAKRA- PUSH LOCK

SMPM- SNAP ON

DURABILITY(MATING/UNMATING):

FAKRA- 30 CYCLES

SMPM- 100 CYCLES



ROHS COMPLIANCE



DESCRIPTION	MATERIALS	ROHS COMPLIANCE	UNIT: mm
SMPM FEMALE	BRASS, NICKEL/GOLD PLATED	TOLERANCE: X=±0.38 X.X=±0.25 X.XX=±0.15	
FAKRA FEMALE	BRASS, NICKEL/GOLD PLATED	TITLE SMPM Female To FAKRA Female(Z code), Flexible 085 Blue/L:XXcm	
INSULATOR	TEFLON		



DC-67GHz RF& Microwave Components

PART NO.	MAC63064Z.F085.XXA	REV 2.1
SIZE: A	SHEET: 1/1	SCALE:

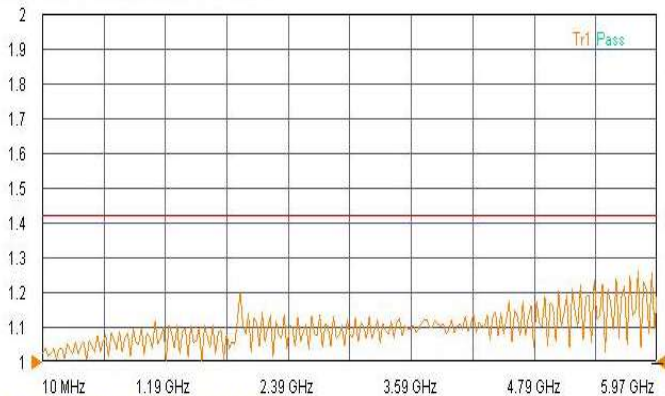
NOTES

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

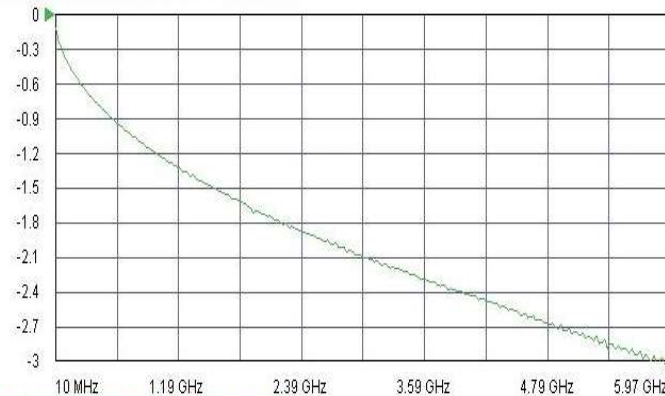
Typical Test Result

PART NUMBER	DESCRIPTION
MAC63064Z.F085.150A	SMPM Female To FAKRA Female(Z code), Flexible 085 Blue/L:150cm, DC-6GHz

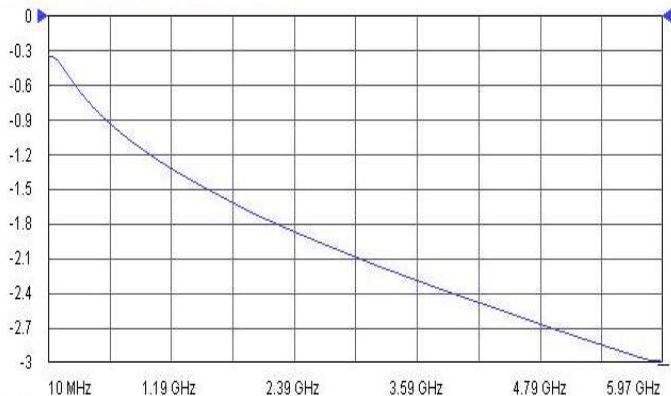
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mV/Div



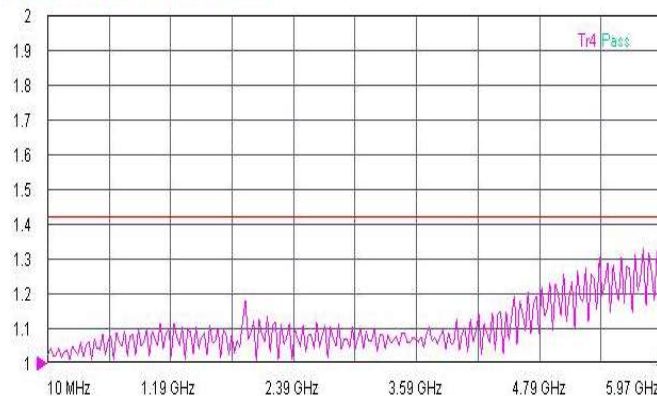
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 0.3 dB/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 0.3 dB/Div



Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mV/Div



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