

ELECTRICAL DATA

FREQUENCY: DC-12GHz

IMPEDANCE: 50Ω

VSWR: 1.5:1@DC-12GHz

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
300mm±8mm	MAC280630.F085.30A
1500mm±20mm	MAC280630.F085.150A

MECHANICAL DATA

COUPLING METHOD:

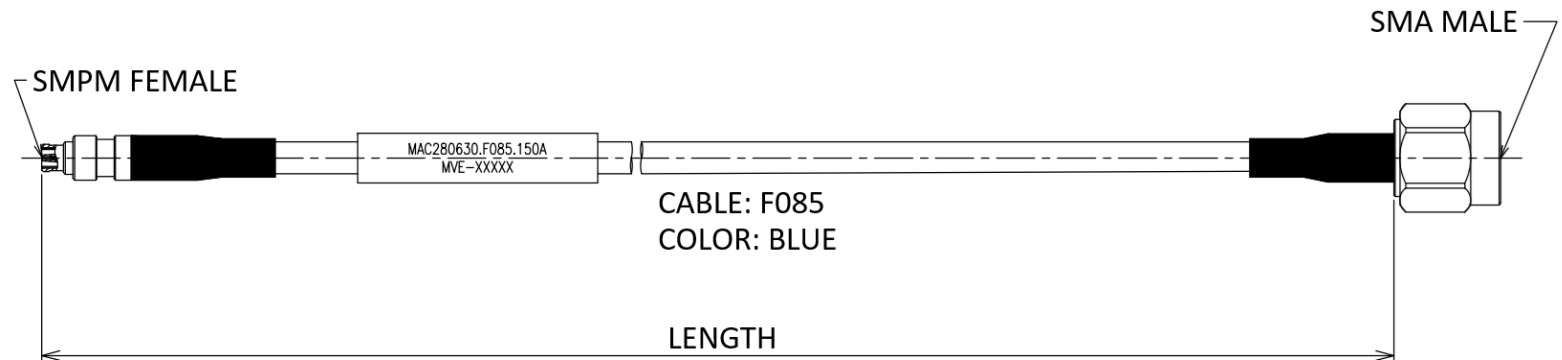
SMA—THREADED

SMPM—SNAP ON

DURABILITY(MATING/UNMATING):

SMA—500 CYCLES

SMPM—100 CYCLES



ROHS COMPLIANCE



DESCRIPTION	MATERIALS	ROHS COMPLIANCE	UNIT: mm
SMPM FEMALE	BRASS, GOLD PLATED	TOLERANCE: X=±0.38 X.X=±0.25 X.XX=±0.15	
SMA MALE	BRASS, NICKEL/GOLD PLATED	TITLE SMA Male To SMPM Female , Flexible 085	
INSULATOR	TEFLON	Blue/L:XXcm/Brass Tubing	

MVE Microwave 芝程科技有限公司
www.micro-mve.com

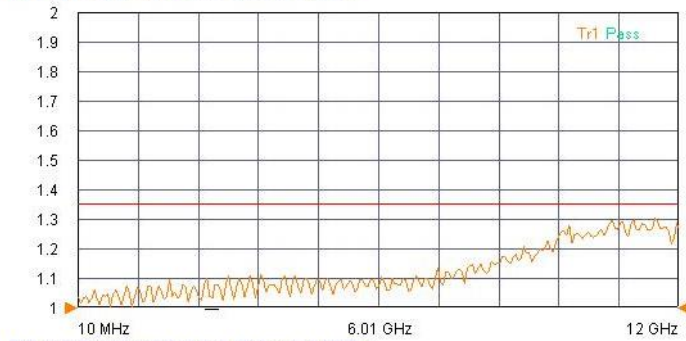
DC-67GHz RF& Microwave Components

PART NO.	MAC280630.F085.XXA	REV 2.2
SIZE: A	SHEET: 1/1	SCALE:

Typical Test Result

PART NUMBER	DESCRIPTION
MAC280630.F085.150A	SMA Male To SMPM Female, Flexible 085 Blue/L:150cm, VSWR<1.5@DC-12GHz

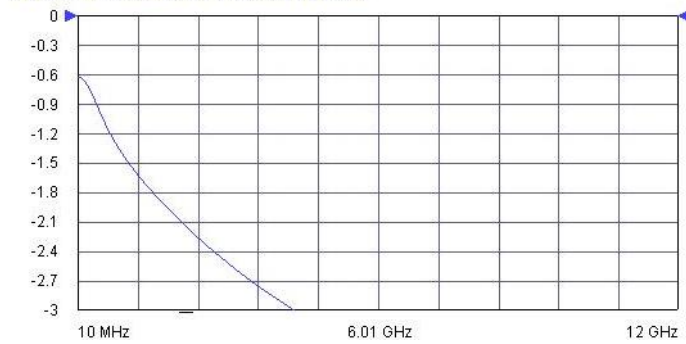
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



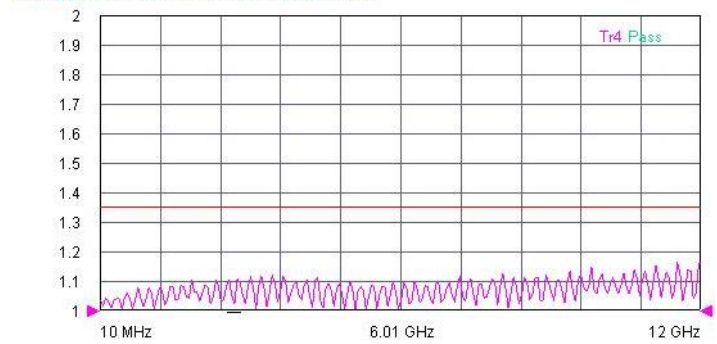
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 0.3 dB/Div



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



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



NOTES:

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

