

CABLE ASSEMBLY

260262.LL186P3.80

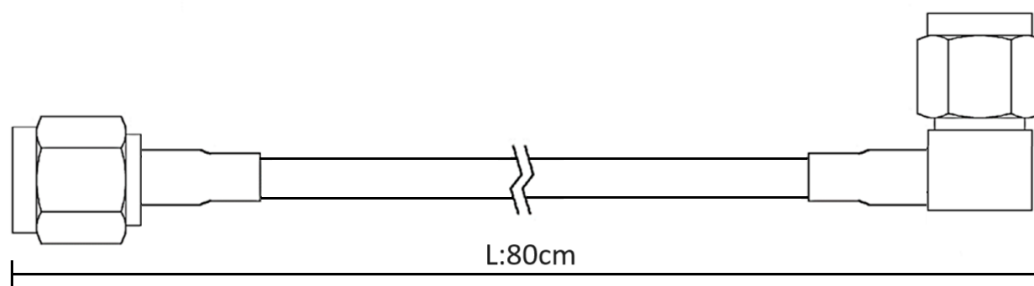
Features

- ✓ Frequency up to 10GHz
- ✓ N Male To N Male R/A Cable Assembly
- ✓ Low VSWR



Part Number	260262.LL186P3.80
Description	N Male To N Male R/A, DC-10GHz LL186P Phase Stable Cable, phase match<10°@7GHz/group. /L:80cm
Connector 1	N Male
Connector 2	N Male R/A
Electrical Specifications	
Frequency	10GHz
Impedance	50Ω
VSWR	1.30:1 MAX.
Insertion Loss	80cm: 0.49dB MAX.

Outline Drawing (Unit: mm)



Tolerance: Length $\pm 2\%$ △The length cable is referring to include two terminal length of connector.

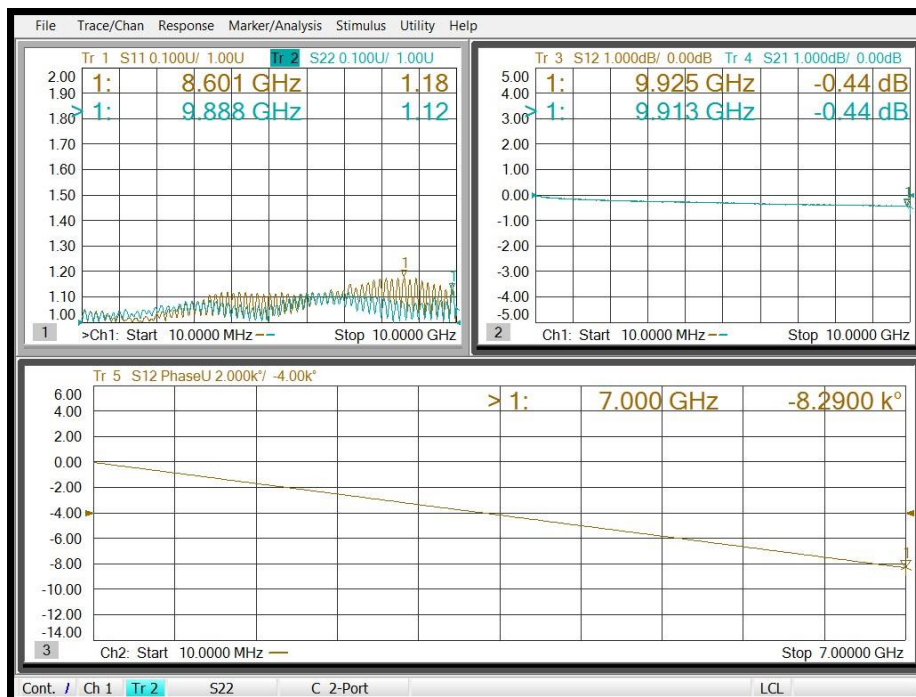
NOTES:

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

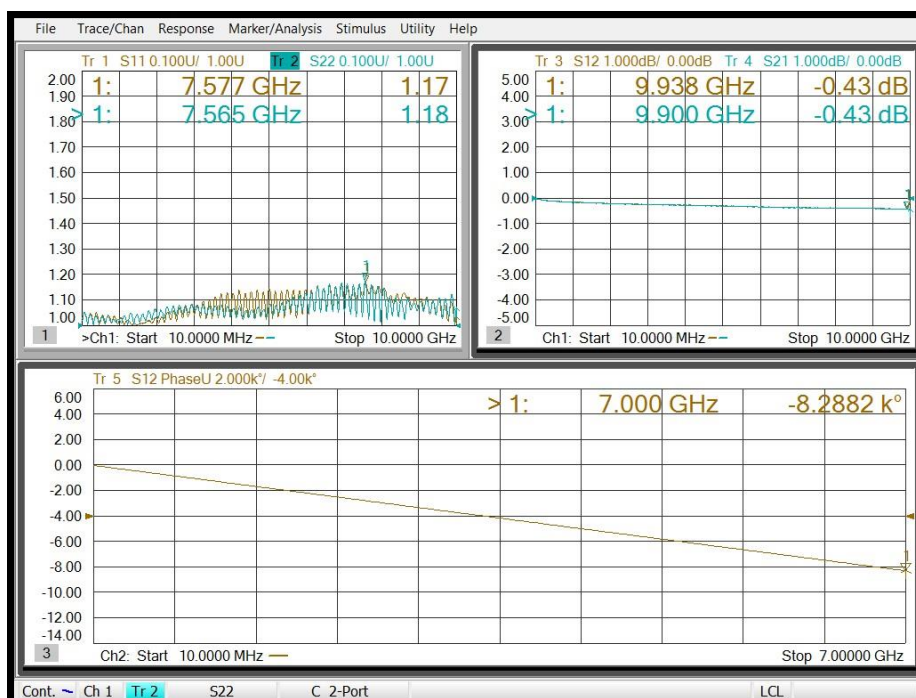


Typical Test Result

SN:E30001C



SN:E30002C



MVE Low Loss Flexible Phase stable Coax Cable

MCBL-LL186P.50

Features:

- FREQUENCY UP TO 18GHz
- High Flexibility
- Phase & Loss Stable
- High Matching Cycles, Stainless Steel Connectors
- ROHS compliant

Specifications

CONSTRUCTION									
ITEM			MATERIAL				DIAMETER		
INNER CONDUCTOR			Silver-Plated Copper				2.30mm ±0.02mm		
DIELECTRIC			Low Density PTFE				6.25mm ±0.05mm		
INNER SHIELDING			Silver-Plated Copper				6.60mm ±0.05mm		
OUTER SHIELDING			Silver-Plated Copper Braid				7.10mm ±0.10mm		
JACKET			FEP				7.80mm ±0.10mm		
ELECTRICAL DATA									
ITEM			SPECIFICATION						
FREQUENCY			18GHz						
CHARACTERISTIC IMPEDANCE			50 Ohm						
BEND RADIUS,STATIC(mm)			35 mm						
BEND RADIUS,DYNAMIC(mm)			78 mm						
OPERATING TEMP			-55°C~ +165°C						
SHIELDING EFFECTIVENESS			90dB TYP.						
WORKING VOLTAGE			2000V						
VELOCITY OF PROPAGATION			83.0 %						
MECHANICAL PHASE			1°@6GHz/2°@18GHz (360 Degree Wrap Around Repeat Bend Radius)						
PHASE CHANGE VS. TEMP.			500 PPM @-55°C-85°C						
WEIGHT(g/m)			0.130						
TYP. ATTENUATION(25°C) and TYP. AVG. POWER (25°C)									
Freq.(GHz)	0.5	1	2.4	3	4	6	10	12.4	18
dB/100m	9.90	14.13	22.27	25.04	29.15	36.18	47.80	56.68	66.02
Power kW	2.570	1.800	1.143	1.050	0.873	0.740	0.533	0.474	0.410