

# FCS-ML2G-P

SMA Connector, DC~26.5GHz

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Radar  
\* Instruments  
\* Electronics

## Electrical

Frequency:	DC~26.5GHz
VSWR:	1.15 max.
Impedance of Dielectric:	5000MΩ min.
Impedance of Inner Conductor:	3mΩ max.
Impedance of Outer Conductor:	2mΩ max.
Voltage Withstand:	1000V DC
Impedance:	50Ω

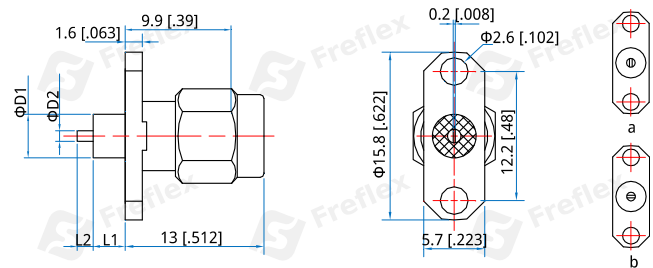
## Mechanical

RF Connector:	SMA Male
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated SUS303 Stainless Steel
Dielectric:	PEI & PTFE
Inner Conductor:	Gold Plated Beryllium Copper

## Environmental

Temperature:	-55~+165°C
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## Outline Drawings



Part Number	ΦD1	ΦD2	L1	L2	
FCS-ML2G-P100-01	4.1 [.161]	1 [.04]	4 [.158]	1.5 [.059]	a
FCS-ML2G-P100-02	4.1 [.161]	1 [.04]	4 [.158]	1.5 [.059]	b

Unit: mm [in]  
Tolerance: ±0.2mm [±0.008in]