



P/N: 1221-40049



P/N: 1211-66204

Features

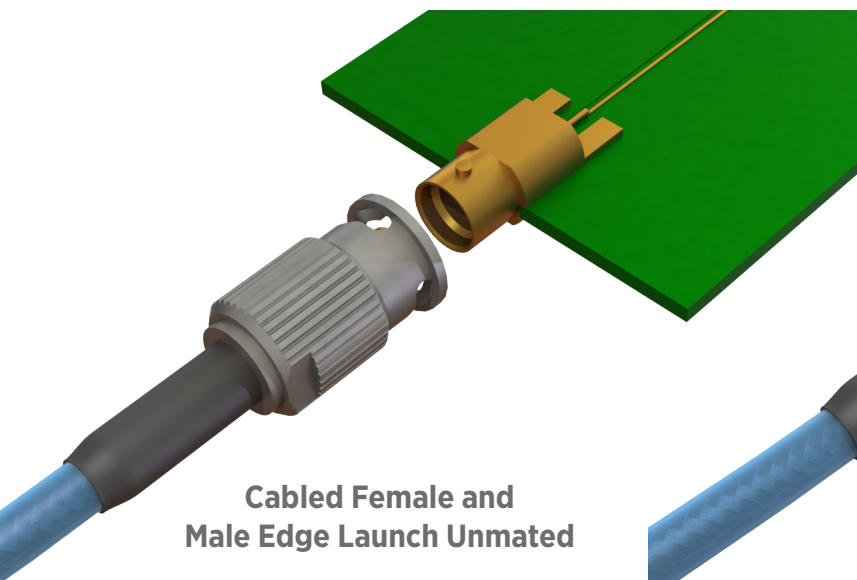
- Quarter turn bayonet locking feature on standard SMP/SMPM interface
- Female cable connector options available for all flexible cable types .085" diameter and smaller
- All standard SMP/SMPM male connector options available upon request
- Low VSWR through 40 GHz (SMP) / 65 GHz (SMPM)

Applications

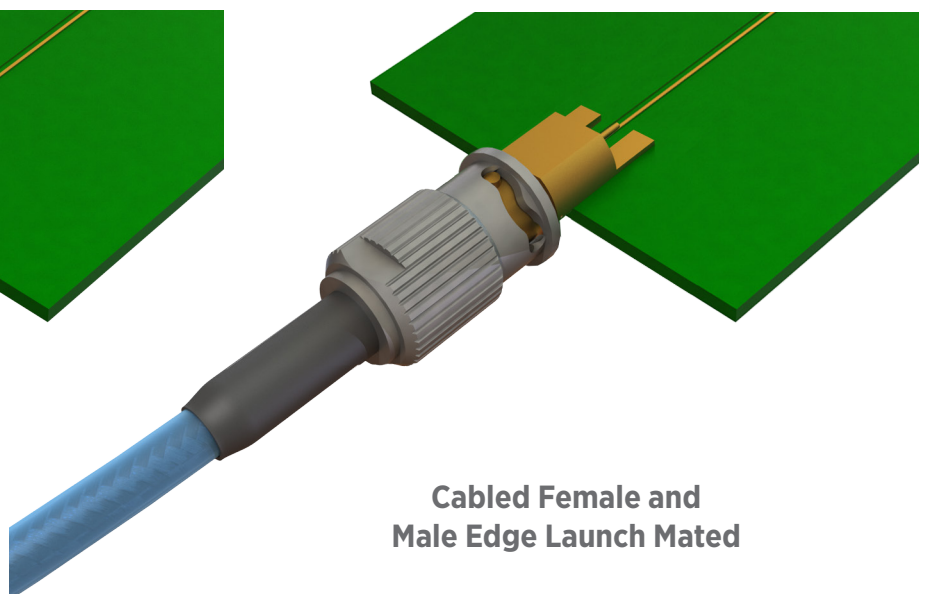
- Bench-top testing
- High vibration environments
- Applications requiring a high number of mating cycles
- Military and Commercial options available

Benefits

- Zero disengagement eliminates damage to PCB solder joints
- Low insertion/extraction forces, compared to standard full detent SMP and SMPM, mean less torque on board mount connector solder joints during mating and demating
- Spring loaded positive mating feature allows excellent electrical performance even in extreme vibration environments
- Low mating forces allow for more mating cycles without failure compared to full detent SMP and SMPM



Cabled Female and Male Edge Launch Unmated

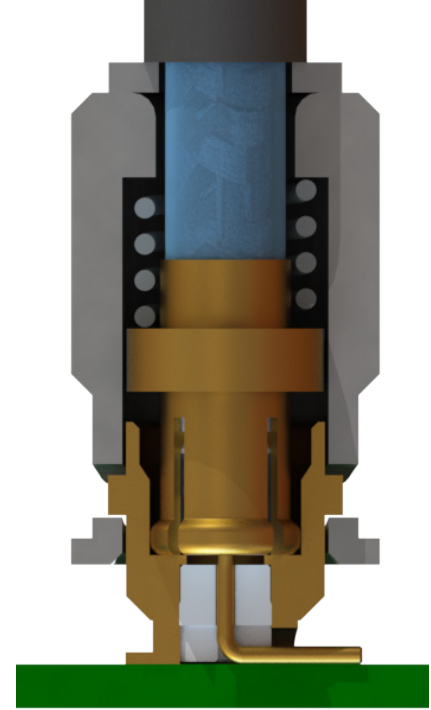


Cabled Female and Male Edge Launch Mated



Specifications		
Electrical	SMP	SMPM
Impedance	50Ω	50Ω
Frequency Range	40 GHz	65 GHz
VSWR	1.15:1 to 26.5 GHz typ. 1.5:1 to 40 GHz typ.	1.10:1 to 26.5 GHz typ. 1.30:1 to 50 GHz typ.

Mechanical	SMP	SMPM
Mating Cycles (min)	1000 Min	500 Min
Temperature Rating	-65 to +165°C	-65 to +165°C



Mated Cable Connector and Surface Mount Male

SMP Style Connectors	
P/N: 1221-40049 SMP Female QB Cable Connector for .085 Cable	
P/N: 1221-40051 SMP Female QB Connector for .047 Cable	
P/N: 1211-66195 SMP Male QB Edge Launch Connector	
P/N: 1211-40032 SMP Male QB Surface Mount Connector	

SMPM Style Connectors	
P/N: 3221-60004 SMPM Female QB Cable Connector for .085 Cable	
P/N: 3221-60003 SMPM Female QB Connector for .047 Cable	
P/N: 3211-60118 SMPM Male QB Edge Launch Connector, SB	
P/N: 3211-60112 SMPM Male QB Surface Mount Connector, R/A	

*Additional Part Numbers available on our website and by request



O: 561.840.1800
marketing@svmicrowave.com