



# QuarterBack Product Line

P/N: 1221-40049

P/N: 1211-66204

## Features & Benefits

- Quarter turn bayonet locking feature on standard SMP/SMPM interface
- Eliminates damage to PCB solder joints
- Low insertion/withdrawal force
- DC - up to 65GHz (SMPM)

## Applications

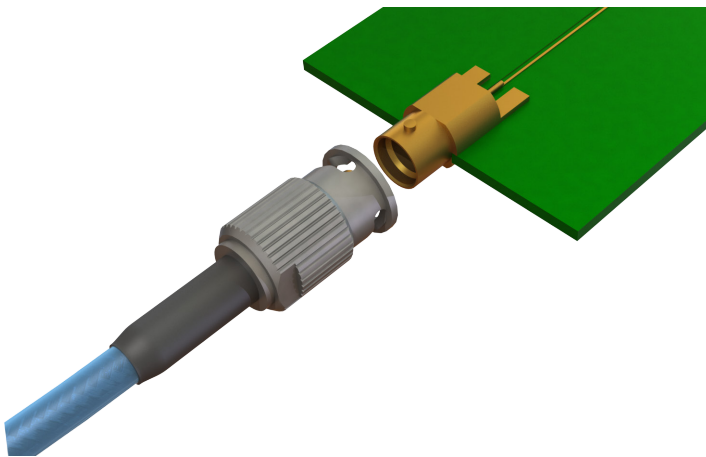
- Bench-top testing
- High vibration environments
- Applications with a high number of mating cycles
- Mil/Aero

### Electrical Specifications

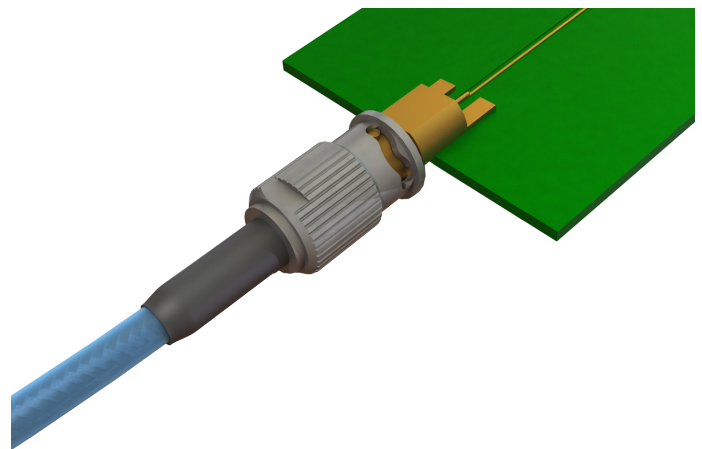
Electrical	SMP	SMPM
Impedance	50Ω	50Ω
Frequency Range	40 GHz	65 GHz
VSWR	1.15:1 to 26.5 GHz typ. 1.5:1 to 40 GHz typ.	1.10:1 to 26.5 GHz typ. 1.30:1 to 50 GHz typ.

### Mechanical Specifications

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



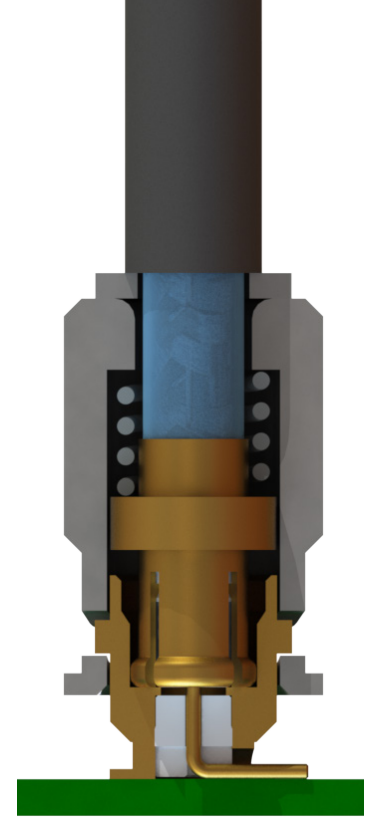
**Figure 1:** Female QB Cable Assembly to Male Edge Launch PCB Connector, *Unmated*



**Figure 2:** Female QB Cable Assembly to Male Edge Launch PCB Connector, *Mated*

## QuarterBack Cable Connector Part Numbers

P/N	Description
1221-40049	SMP Female QB Connector for .085 Cable
1221-40051	SMP Female QB Connector for .047 Cable
1211-66195	SMP Male PCB QB Edge Launch Connector, SB
1211-40032	SMP Male PCB QB Surface Mount Connector
3221-60004	SMPM Female QB Connector for .085 Cable
3221-60003	SMPM Female QB Connector for .047 Cable
3211-60118	SMPM Male PCB QB Edge Launch Connector, SB
3211-60112	SMPM Male PCB QB Surface Mount Connector, R/A



**Figure 3:** Cut-away view of a mated Female QB Cable Assembly to Male QB PCB Connector

## QuarterBack Cable Assembly Part Numbers

P/N	Description
7012-1084	SMP Female QB to SMA Male 12" Cable Assembly for .085 Cable
7012-1085	SMP Female QB to SMA Male 6" Cable Assembly for .085 Cable
7012-1302	SMP Female QB to SMA Male 12" Cable Assembly for .047 Cable
7012-1303	SMP Female QB to SMA Male 24" Cable Assembly for .047 Cable
7012-1300	SMP Female QB to SMA Male 24" Cable Assembly for .085 Cable
7012-1301	SMP Female QB to SMA Male 6" Cable Assembly for .047 Cable
7012-1087	SMP Male QB Bulkhead to SMA Male 12" Cable Assembly for .085 Cable
7012-1086	SMP Male QB Bulkhead to SMA Male 6" Cable Assembly for .085 Cable
7032-8544	SMPM Female QB to SMA Male 12" Cable Assembly for .085 Cable
7032-8545	SMPM Female QB to SMA Male 6" Cable Assembly for .085 Cable
7032-8546	SMPM Female QB to SMA 24" Cable Assembly for .047 Cable
7032-8547	SMPM Female QB to SMA Male 12" Cable Assembly for .047 Cable
7032-8548	SMPM Female QB to SMA Male 6" Cable Assembly for .047 Cable
7032-9468	SMPM Male QB Bulkhead to SMA Male 6" Cable Assembly for .047 Cable
7032-9469	SMPM Male QB Bulkhead to SMA Male 12" Cable Assembly for .047 Cable