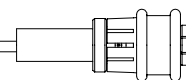


SMB LOCK



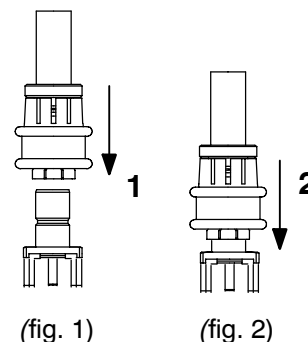
RADIALl proposes new **SMB LOCK** plugs with a 2 step connection system :

- 1 - **Snap** the plug on the male connector (fig. 1),
- 2 - **Lock** the couple by pushing down the coupling nut (fig. 2).

This new range

- ◆ is **totally intermateable** with the standard **SMB** male connectors.
- ◆ benefits from a low intermodulation.
- ◆ is intended to replace the standard SMB and screw-on connectors in all applications requiring :

- a fast connection
- a reliable lock-on connection
- long durability.



ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Operating frequency		DC to 4 GHz
Typical V.S.W.R.	Straight models	2 GHz 4 GHz
	Right angle models	
	.085"	1.15 1.20
	Ø 2.6/50	1.20 1.25
	.085"	1.05 1.15
	Ø 2.6/50	1.15 1.25
RF insertion loss.	Straight models	0,20 √F (GHz)
	Right angle models	0,25 √F (GHz)
	.085"	0,25 √F (GHz)
	Ø 2.6/50	0,50 √F (GHz)
Testing voltage (V RMS)	.085"	750
	Ø 2.6/50	1000
Working voltage (V RMS)	.085"	335
	Ø 2.6/50	335
Insulation resistance (MΩ)		1000

ENVIRONMENTAL CHARACTERISTICS

Temperature range	-35°C / +125°C
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MECHANICAL CHARACTERISTICS

Life	500 matings min
Cable retention force	220 N
	110 N
Coupling nut retention force	50 N min
Vibrations	MIL STD 202 F method 240 D, condition B

MATERIALS

Bodies	Brass
Center contact	Beryllium copper
Outer contact	Bronze
Insulator	PTFE
Coupling nut	POM (halogen free)

PLATING

Bodies	BBR (non magnetic plating)
Center contact	Gold

Standard packaging : 100 pieces (same part number). For unit packaging, add "W" after the P/N.