

Delay Filter | RF Components and RF Subsystems Specification

Delay Filter PARAMETERS		Delay Filter SPECIFICATION
Frequency Range		2090.0 ~ 2190.0 MHz
Insertion Loss (J1 - J2)		1.3dB Max. (1.2dB Max. @Temp)
Pass Band Ripple (J1 -J2)		+0.1dB Min.
Return Lose	J1, J2	18.0dB Min. (20.0dB Min. @Temp)
	J3, J4, J5, J6	20.0dB Min.
Delay (J1 - J2)		12.0ns Max.
Delay Deviation (J1 - J2)		+300.0ps Max. (+150.0ps @Temp)
Phase Deviation (J1 -J2)		+ 1.0 +- (@Electrical Delay)
Coupling Value	Coupler1 (J1 - J3)	30.0 +- 0.5 dB
	Coupler2 (J4 - J2)	10.0 +- 0.3 dB
	Coupler3 (J1 - J5)	30.0 +- 0.7 dB
	Coupler4 (J2 - J6)	30.0 +- 1.5 dB
Frequency Range	Coupler1 (J3 - J2)	48.0 dB Min.
	Coupler2 (J1 - J4)	28.0 dB Min.
	Coupler3 (J5 - J2)	48.0 dB Min.
	Coupler4 (J1 - J6)	48.0,dB Min.
Cancellation		30.0dB Min.
IMD		70.0 dBc Min.
Operating Temperature		-30°C-70°C
Connectors		SMA (F)
Size (mm)		25.0 x 86.0 x 21.0 mm