

SWITCHPLEXER® (Preliminary)

Characteristic (at -30 to +85 °C)

Part Number / LMSP54AA-097

●GSM900 Band

Tx mode	Frequency Range (MHz)	ftl	897.50 ± 17.50
	Insertion Loss (dB)	Tx-ANT	1.20 max. (at 25°C)
			1.40 max. (at -30 to +85 °C)
	Attenuation (Absolute value)(dB)	Tx-ANT	30.0 min. at 2 x ftl MHz
			30.0 min. at 3 x ftl MHz
	V.S.W.R.	Tx	2.00 max.
	Isolation (dB)	Tx-Rx	20.0 min.
	Current Consumption		10 mA max.
Harmonics (dBc)	Tx-ANT	-70.0 max. at 1760.00 to 1830.00 MHz	
		-70.0 max. at 2640.00 to 2745.00 MHz	
Power Capacity (dBm)		35.0 max.	
Rx mode	Frequency Range (MHz)	frl	942.50 ± 17.50
	Insertion Loss (dB)	ANT-Rx	1.00 max. (at 25 °C)
			1.20 max. (at -30 to +85 °C)
	V.S.W.R.	ANT	2.00 max.
Isolation (dB)	Tx-ANT (ftl)	20.0 min.	

●GSM1800 Band

Tx mode	Frequency Range (MHz)	fth	1747.50 ± 37.50
	Insertion Loss (dB)	Tx-ANT	1.20 max. (at 25 °C)
			1.40 max. (at -30 ~ +85 °C)
	Attenuation (Absolute value)(dB)	Tx-ANT	30.0 min. at 2 x fth MHz
			30.0 min. at 3 x fth MHz
	V.S.W.R.	Tx	2.00 max.
	Isolation (dB)	Tx-Rx	20.0 min.
	Current Consumption		10 mA max.
Harmonics (dBc)	Tx-ANT	-67.0 max. at 2 x fth MHz	
		-67.0 max. at 3 x fth MHz	
Power Capacity (dBm)		33.0 max.	
Rx mode	Frequency Range (MHz)	frh	1842.50 ± 37.50
	Insertion Loss (dB)	ANT-Rx	1.00 max. (at 25 °C)
			1.20 max. (at -30 ~ +85 °C)
	V.S.W.R.	ANT	2.00 max.
Isolation (dB)	Tx-ANT(fth)	20.0 min.	

*Control Voltage Application : Control voltage:2.5 to 3.0 V

All the technical data and information contained herein are subject to change without prior notice.