

Renaissance Electronics

Drop In Circulator

700MHz



Renaissance has recently developed a 700 MHz drop-in circulator with outstanding linear performance for LTE requirements. This device delivers better than -100 dBc IMD for two tone 0.25 watt power levels. In addition, Renaissance is offering this circulator with a 13% BW in a compact 1.25 inch square cost effective package. Renaissance continues to provide the cellular infrastructure community with solutions to their most difficult design challenges and has already begun working on new designs for anticipated upcoming requirements at 2.1 GHz to support our customers.

CHARACTERISTICS:

Frequency	700-800 MHz
Isolation	20 dB
Insertion loss	0.5 dB
VSWR	1.35 : 1
Power	10 Watts Avg, 100 Watts Peak
3rd IMD	-120 dBc for 2 tone of 25.5 dBm each
Temperature range	-30° to +70C