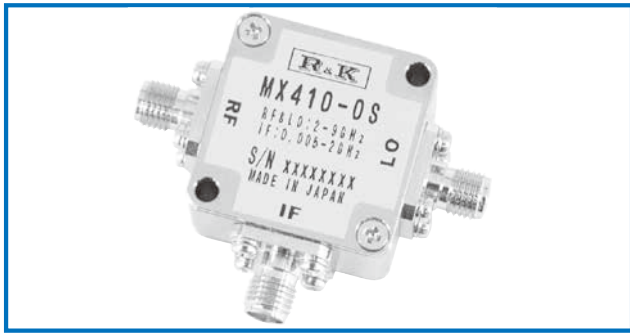


TRIPLE BALANCED MIXER

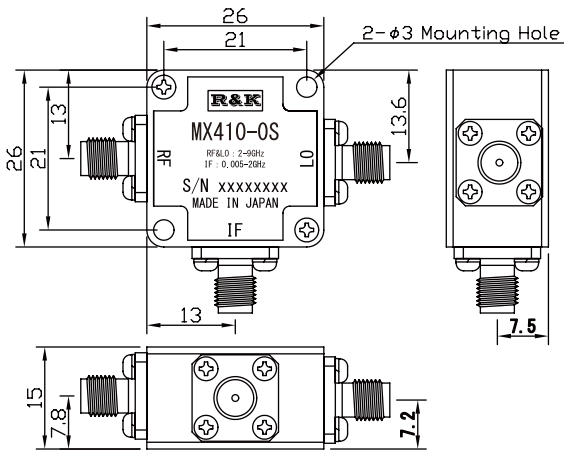


R&K-MX410-0S



OUTLINE DRAWING

※IN MILLIMETERS



- LO&RF Frequency : 2 ~ 9GHz
- IF Frequency : 0.005 ~ 2GHz
- Lo Drive Level : +10dBm
- Low Cost
- RoHS Compliance

SPECIFICATIONS

Frequency Range [LO&RF] : 2 - 9GHz
 [IF] : 0.005 - 2GHz
 Conversion Loss Max. (LO Drive Level +10dBm)

	2 - 3GHz	3 - 8GHz	8 - 9GHz
Typ.	6.0dB	6.0dB	6.0dB
Max.	9.0dB	9.5dB	9.0dB

Isolation (min.)

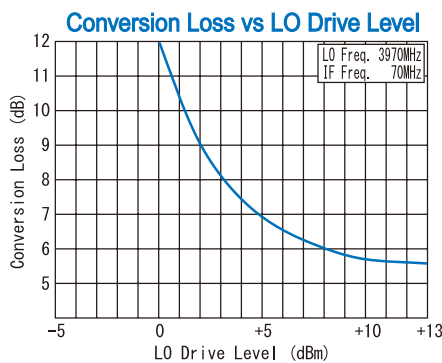
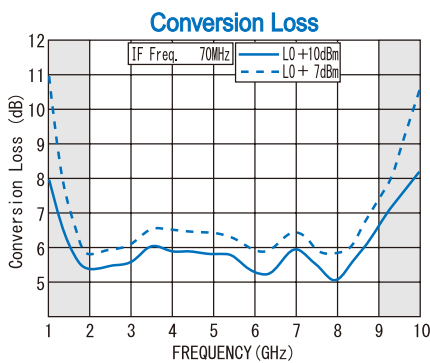
	2 - 3GHz	3 - 8GHz	8 - 9GHz
LO - RF	15dB	20dB	20dB
LO - IF	25dB	20dB	20dB
RF - IF	15dB	15dB	15dB

- Input IP3 @Center Band : +14dBm (typ.)
- Input 1dB Comp. Point : + 9dBm (typ.)
- Impedance (All Ports) : 50Ω
- Maximum RF Input Power : 50mW
- Maximum Peak IF Current : 50mA
- Operating Temperature : -40°C to + 85°C
- Storage Temperature : -40°C to +100°C
- Connectors : SMA-Female
- Weight : 30g (typ.)

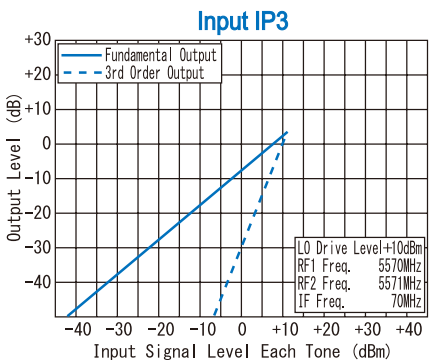
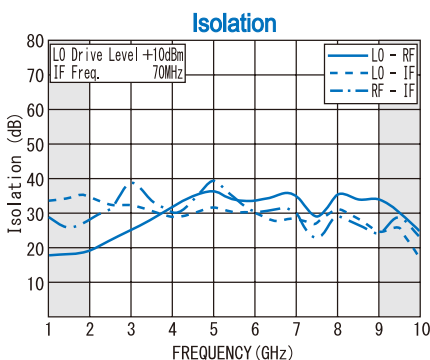
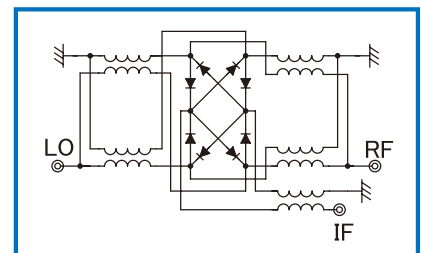
HOW TO ORDER

Model Name R&K-MX410-0S No Option

TYPICAL PERFORMANCE (Temp @+25°C)



SCHEMATIC



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R&K Company Limited

721-1 Maeda, Fuji-City, Shizuoka-Pref. 416-8577 Japan
 Tel : +81-545-31-2600 E-mail : info@rkco.jp
 Fax : +81-545-31-1600 URL : http://rk-microwave.com