

RFCOMPONENTS.COM.AU

4.3-10 Reactive Splitter Combiners

RFSC6-38-4.3F-X

600 MHz - 3800 MHz, 4.3-10 Female, 2, 3 and 4 Way

LOW PIM SERIES

ELECTRICAL SPECIFICATION

Frequency Range (MHz)	600-3800MHz
Return Loss	17.7 dB min
Splitter Loss	3 dB typ. for 2 ways 4.8 dB typ. for 3 Ways 6 dB typ. for 4 ways
Dissipative Loss	0.3 dB max for 2 ways 0.4 dB max for 3 ways 0.5 dB max for 4 ways
IMD in RX band, Power delivered to com port (2 CW tones +43 dBm each), Performed at 900MHz, 1800MHz and 3500MHz bands	158 dBc typ., 155 dBc min
Power Handling	300W CW max
Impedance	50Ω

MECHANICAL SPECIFICATION

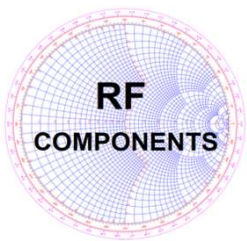
RF Connectors	4.-10 Female for all ports
RF Connectors Configuration	See outline
Weight	1.0 Kg max
Dimensions	See outline
Outside finish	Powder coating or Alumimun natural color
Product Configuration	Single unit
Mounting option	Screws
Mounting orientation	Any
Ground screw	N/A

PACKAGING SPECIFICATION

Applicable standard	NEBS GR-63-CORE
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ENVIRONMENTAL SPECIFICATION

Operating Temperature Range	-25°C to +70°C
Storage Temperature Range	-30°C to +85°C
Relative humidity	0% - 95%
IP Class	IP65 for indoor or outdoor



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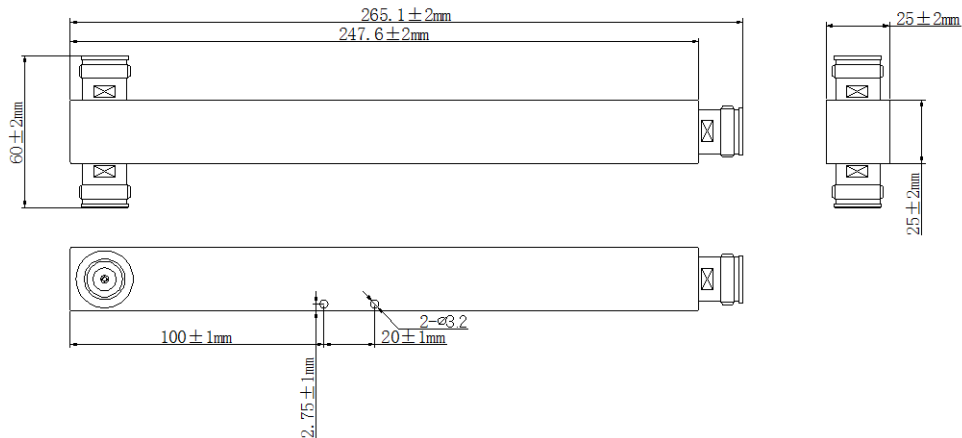
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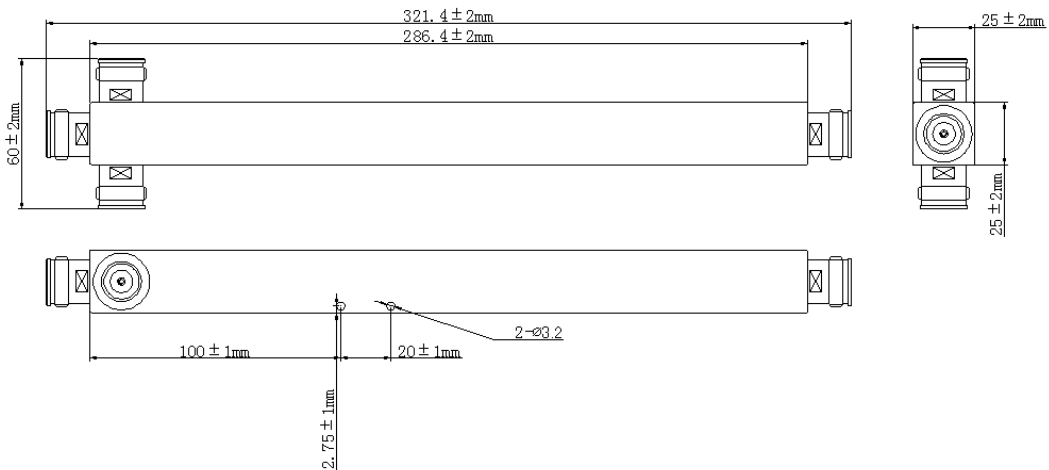
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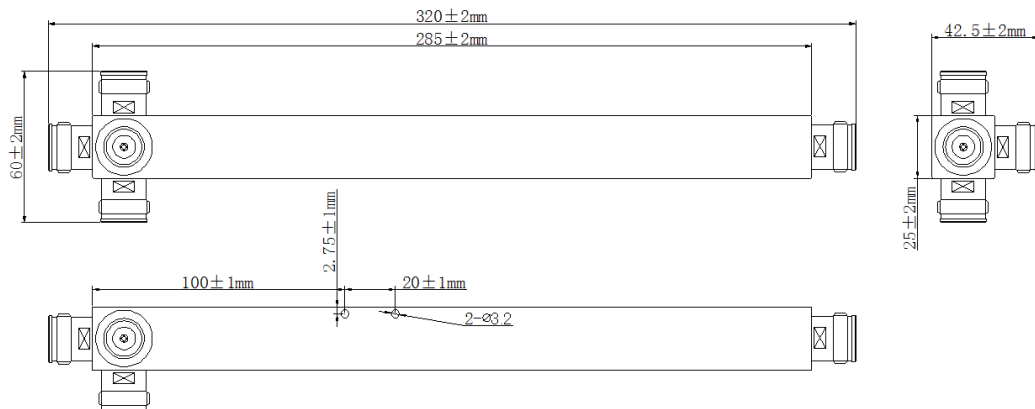
2 Way Power Splitter



3 Way Power Splitter



4 Way Power Splitter



Note: This is preliminary mechanical layout. Some dimensions may change slightly during prototyping and will be finalized after the first prototype. Please ask for the formal drawings or 3D drawings when layout your system.