

Cavity Diplexer

Model No : ADF - 1060

SPECIFICATIONS:

ELECTRICAL

Frequency (fc)	:	1030 MHz
Insertion loss @ fc	:	1.2 dB (max)
Return loss @ 1030 MHz	:	19.1dB (min)
Stop Band Attenuations		
@ 1090 MHz	:	60 dB (min)
@ 2060 MHz	:	40 dB (min)

Coupling

J2 - J4	:	30 ± 2 dB
J2 - J5	:	30 ± 2 dB

Flat band width measured at 0.5dB fall

Points from center frequency	:	15 MHz
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Receiver (Rx)

Frequency (fc)	:	1090 MHz
Insertion Loss @ fc	:	1.0 dB (max)
Return Loss @ 1090MHz	:	19.1 dB (min)
Stop Band Attenuations		
@ 1030 MHz	:	60 dB (min)
@ 2180 MHz	:	40 dB (min)

Coupling

J1 - J6	:	30 ± 2 dB
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Flat band width measured at 0.5dB fall

Points from center frequency	:	15 MHz
Power handling	:	2.0 KW 1% duty cycle

MECHANICAL

Over all dimensions	:	114.2 x 82.5 x 50.9 mm (4.5" X 3.24" X 2")
Connectors	:	N Type Female & SMA Type Female
Weight	:	800 gm (max) (1.76 lb)

ENVIRONMENTAL

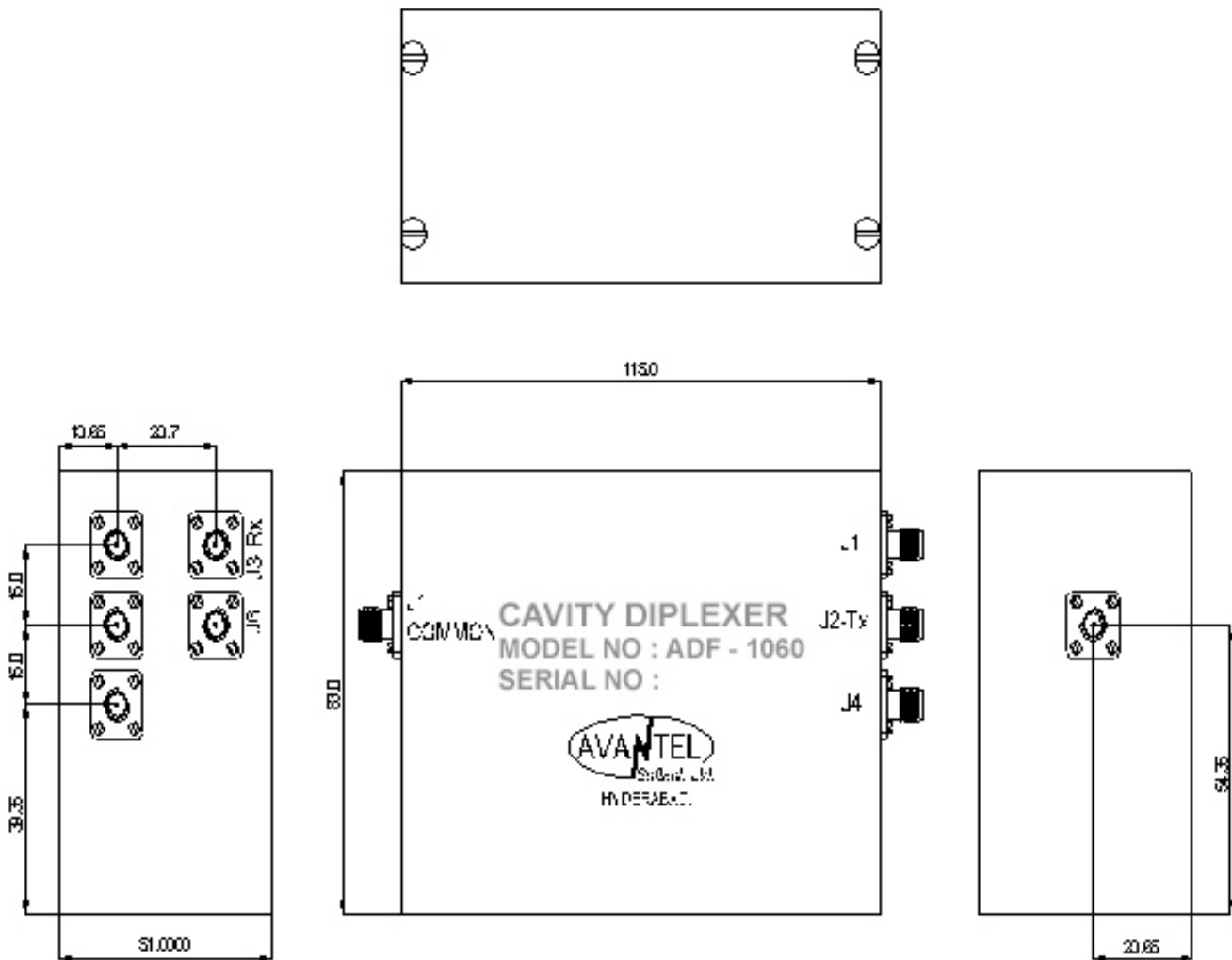
Operating temperature	:	-20° C to + 70° C
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Outline Drawing:

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All dimensions are in millimeters