



CMD243

PCS Fullband Duplexer

Revision 1, March 10, 2003

Receive Channel

Passband: 1850 - 1910 MHz
Insertion Loss: 1.0 dB max.
Return Loss: 18.0 dB min.
Rejection:
DC - 1790 MHz 60 dB min
1930 - 1990 MHz 95 dB min.
1990 - 3980 60 dB min.
Isolation TX to RX: 95 dB min.

Transmit Channel

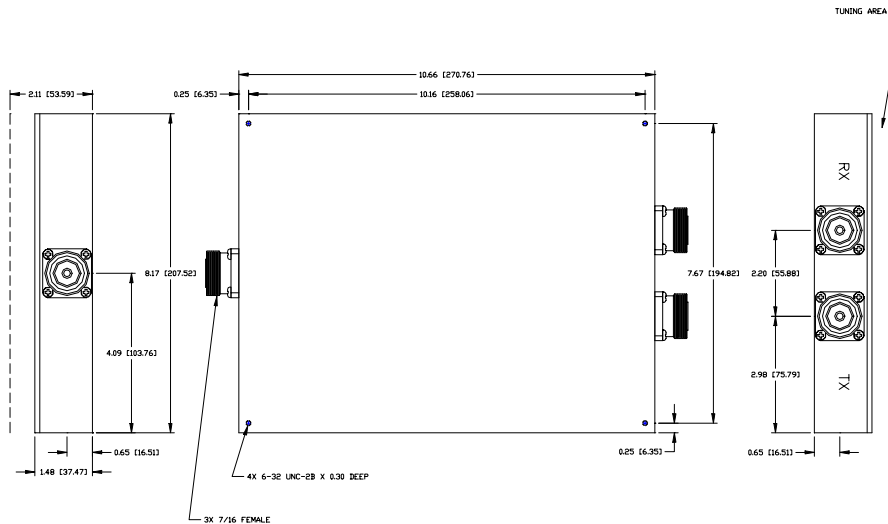
Passband: 1930 - 1990 MHz
Insertion Loss: 1.0 dB max.
Return Loss: 18.0 dB min.
Rejection:
DC - 1910 MHz 95 dB min.
2050 - 3980 MHz 60 dB min.

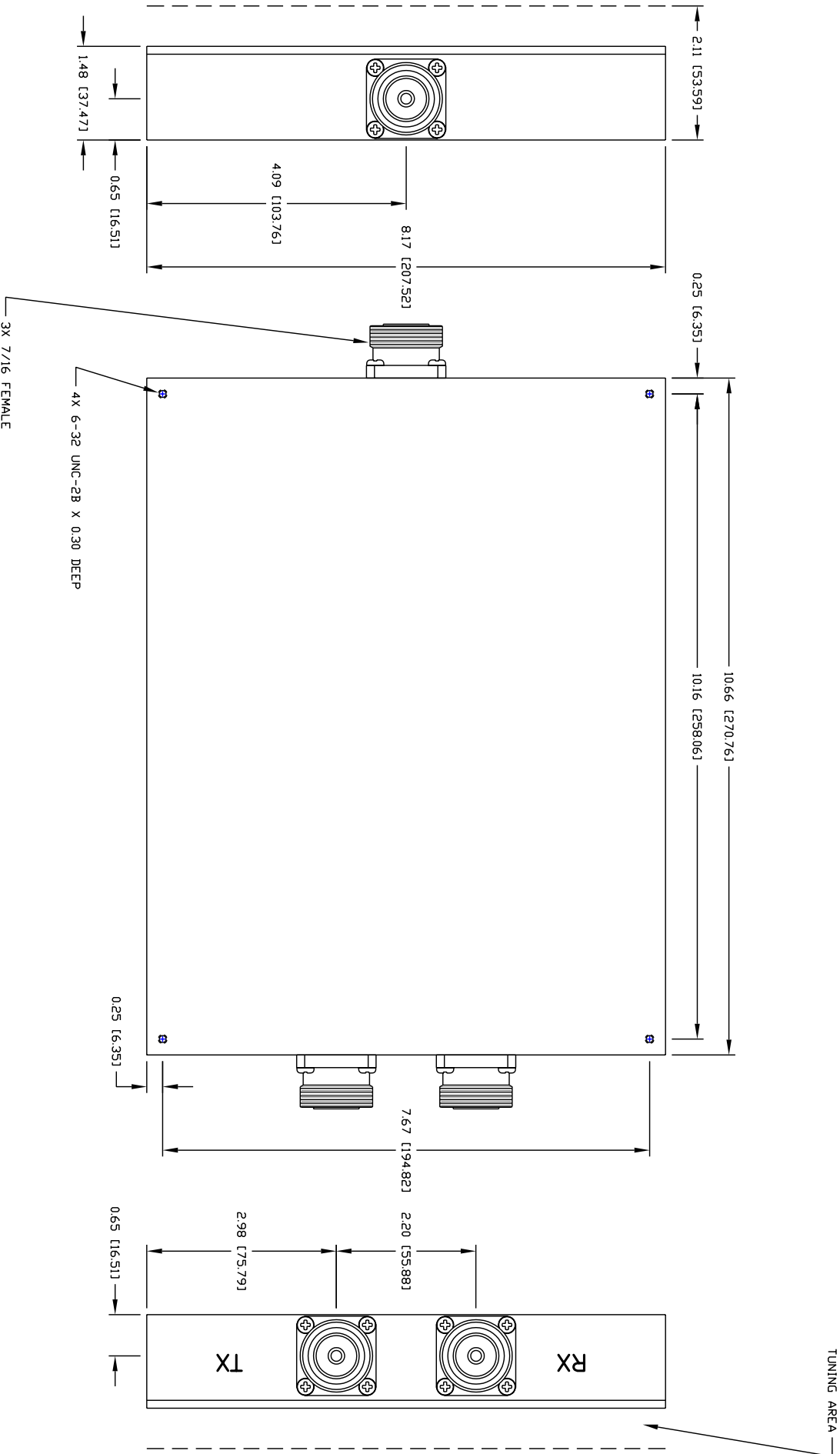
Isolation RX to TX: 95 dB min.

Power: 500 Watts CW
5000 Watts PIP

IMD: -105 dBm with two +43 dBm CW
carriers in at TX port, measured at RX

Operation Temp: 0° to +60°C
Storage Temp: -40° to +85°C





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ENG:		
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TOLERANCES:
.XX: ± .01
.XXX: ± .005
.XXXX: ± .0005
ANGLES: ± 1°

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SIZE	DWG NO.	REV	
A	OUTLINE CMD243	2	
CAGE:	1SCX4	SHEET	1 OF 1