

- ◆ Combines or Splits Tx and Rx Signals for 700 Mhz Public Safety Systems
- ◆ FirstNet Ready
- ◆ High Isolation
- ◆ Guaranteed Low PIM
- ◆ Low Insertion Loss
- ◆ Up to 60W Avg Power/port
- ◆ High reliability
- ◆ RoHS Compliant
- ◆ N-Type connectors

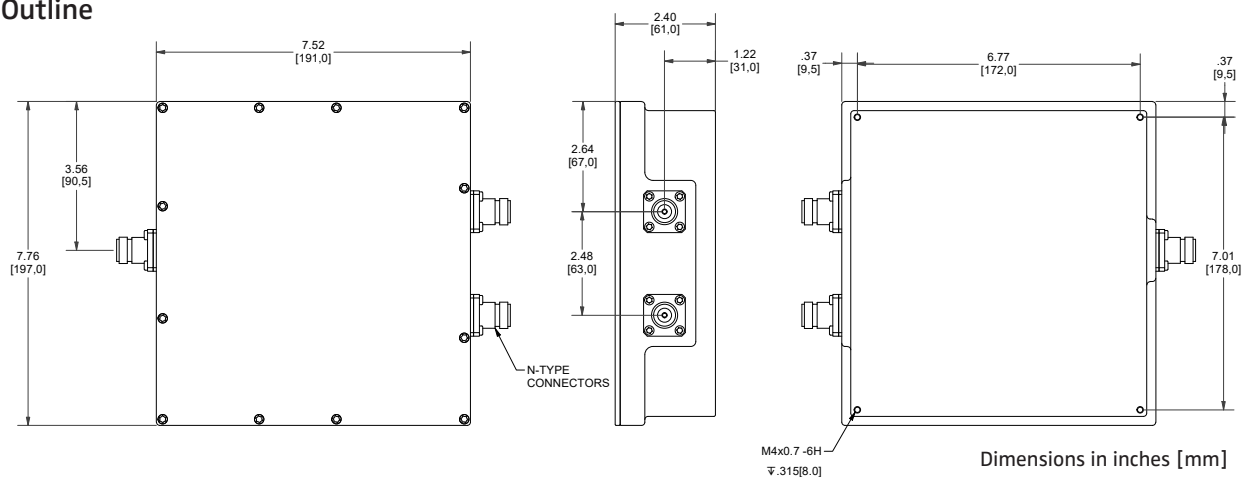


	Model
700 MHz Public Safety Duplexer	BL-26PSN

Microlab BL-26PSN duplexer allows combination and separation of the Tx and Rx signals in a duplexed 700 MHz US Public Safety band signal. Units provide high isolation, and low insertion loss. Attention to mechanical design, ensures low loss, and high reliability.

700 Tx Passband:	758 - 775 MHz (Tx Port)
700 Rx Passband:	788 - 805 MHz (Rx Port)
Bandwidth, Tx and Rx:	17 MHz
Insertion Loss:	1.0 dB max
Passband Ripple:	0.8 dB max
Return Loss, all ports:	18 dB min.
PIM (Intermod):	<-161 dBc (-118dBm) (measured in Rx Block using two +43 dBm tones in corresponding Tx Block)
Input Isolation:	>65dB (between Tx/Rx bands)
Power Rating:	60W avg., 5 kW peak
Group Delay:	82ns typ.
Impedance:	50Ω nominal
Environment:	-40°C to +65°C, IP67
Finish: Connectors:	N-type (f), Triplate
Housing Finish:	Grey Epoxy Paint
Dimensions:	7.52 x 7.76 x 2.40 inches [191 x 197 x 61mm]
Weight:	5.7 lbs (2.59 kg)

Outline



Note: Specifications are subject to change without prior notification.

09JUL2024