



Bird Technologies®

Directional Coupler

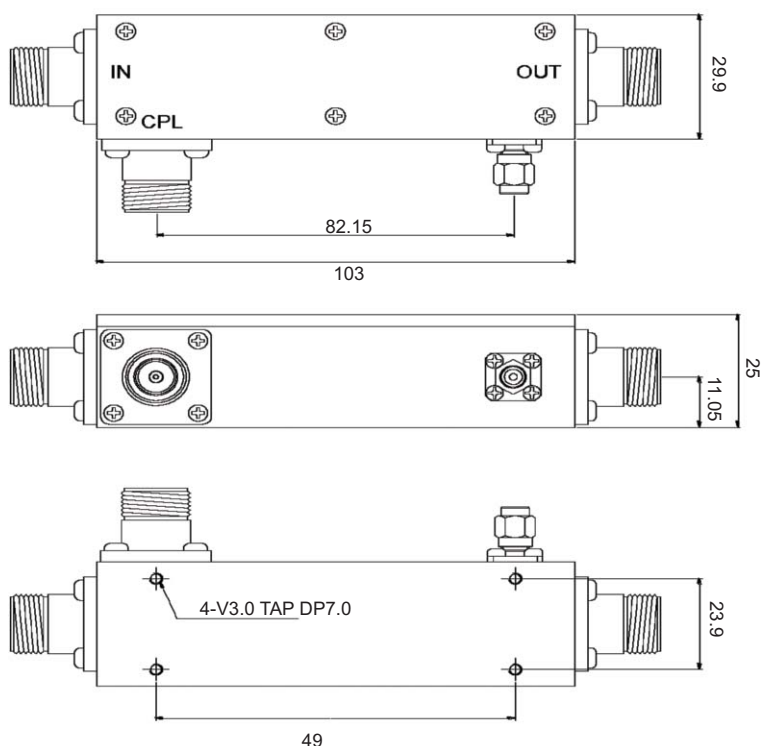
200-DC-FFN-XX (698-2700 MHz)

FEATURES

- ▶ High Performance
- ▶ High Reliability
- ▶ RoHs Compliant

ELECTRICAL SPECIFICATIONS

Frequency Bands	698 to 2700 MHz
Insertion Loss	
200-DC-FFN-20	0.4 dB max
200-DC-FFN-15	0.7 dB max
200-DC-FFN-10	1.0 dB max
200-DC-FFN-7	1.5 dB max
200-DC-FFN-6	1.7 dB max
Return Loss	20 dB min
Coupling Value	
200-DC-FFN-20	20 ± 1.2 dB max
200-DC-FFN-15	15 ± 1.2 dB max
200-DC-FFN-10	10 ± 1.0 dB max
200-DC-FFN-7	7 ± 1.0 dB max
200-DC-FFN-6	6 ± 1.0 dB max
Directivity	18 dB min
Power Handling	200 Watts
PIM	≤153 dBc min (2 tone @ 43 dBm)
Impedance	50Ω nominal



ENVIRONMENTAL SPECIFICATIONS

Operating Temperature -20°C ~ +60°C

MECHANICAL SPECIFICATIONS

Dimensions Refer to Outline Drawing
 Connector N-Female
 Finish Light Gray Powder Coat

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