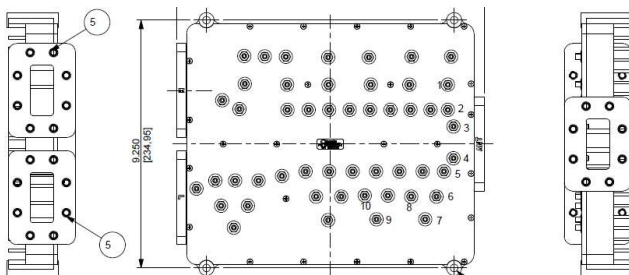
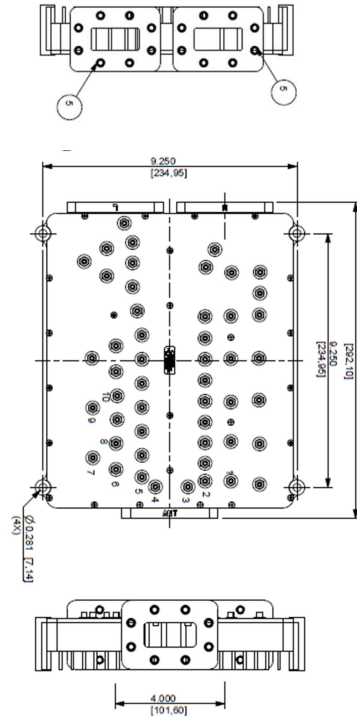


# Diplexer For Telecom Systems

## Features

- Compact size and high power handle
- High rejection
- Low Insertion loss
- Different frequency and flange available upon request

ELECTRICAL PROPERTIES	
PASSBAND L ( LOW )	4.40 - 4.65 GHz
PASSBAND H ( HIGH )	4.75 - 5.00 GHz
REJECTION L	85 dB MIN DC - 4.15 GHz
	85 dB MIN 4.738 - 6.0 GHz
REJECTION H	85 dB MIN DC - 4.662 GHz
	85 dB MIN 5.35 - 6.0 GHz
RETURN LOSS L & H	23 dB MIN
INSERTION LOSS L & H	1.0 dB MAX
POWER RATING L & H	1000W C.W. MIN
MICHANICAL PROPERTIES	
PORT ANT / L / H	CPR-187 FLANGE
SIZE	11.5" X 9.25" X 1.846" (292.1mm X 234.9mm X 46.9mm)
MATERIAL	ALUMINUM 6061
FINISH	BODY: PAINT MATTE WHITE
	FLANGES: IRIDITE
WEIGHT	8.14 Lbs [3690g]
ENVIRONMENTAL PROPERTIES	
OPERATING TEMP	-40°C TO +60°C
STORAGE TEMP	-40°C TO +70°C
RELATIVE HUMIDITY	5-95% NONCONDENSING



ELECTRICAL PROPERTIES	
PASSBAND L ( LOW )	7.125 - 7.3875 GHz
PASSBAND H ( HIGH )	7.4875 - 7.75 GHz
REJECTION L	85 dB MIN DC - 6.89 GHz
	85 dB MIN 7.4755 - 10.0 GHz
REJECTION H	85 dB MIN DC - 7.3995 GHz
	85 dB MIN 8.10 - 10.0 GHz
RETURN LOSS L & H	23 dB MIN
INSERTION LOSS L & H	1.0 dB MAX
POWER RATING L & H	1000W C.W. MIN
MICHANICAL PROPERTIES	
PORT ANT / L / H	CPR-112 FLANGE
SIZE	9.25" X 5.56" X 1.28" (234.9mm X 141.2mm X 32.5mm)
MATERIAL	ALUMINUM 6061
FINISH	BODY: PAINT MATTE WHITE
	FLANGES: IRIDITE
WEIGHT	2.27 Lbs [1030g]
ENVIRONMENTAL PROPERTIES	
OPERATING TEMP	-40°C TO +60°C
STORAGE TEMP	-40°C TO +70°C
RELATIVE HUMIDITY	5-95% NONCONDENSING

Ref.: PB-AWT-Passive-23300

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