

## Preliminary Specification

### CMIDX Series High-Power Broadband Diplexer

Corry Micronics Broadband Diplexer is capable of filtering input power up to 150 WATTS CW. The low and high passbands can be specified by the customer. Temperature range, heat sink requirements, and input power can be customized for each application.

#### Electrical Specifications

Parameters	Specifications	
Pass Band Frequency Range*	2-6 GHz [Customer Specified]	8-18 GHz [Customer Specified]
Bandwidth	[Customer Specified]	[Customer Specified]
Pass Band Insertion Loss	0.75 dB MAX	0.75 dB MAX
Pass Band Return Loss	10 dB MIN	10 dB MIN
Rejection Band Attenuation [Typical]	40 dB MIN	40 dB MIN
Power Handling	150 W	
Heat Sink	Required	
Impedance	50 Ω	
Connectors	N-Female Connectors	
Dimensions	See Attached Drawing [All Dimensions are in Inches]	

\*Pass Band Frequencies cannot overlap.

# Outline Drawing

