



**MODEL: DCI-145/435-DX-DB**



**Description**

Type: \_\_\_\_\_ Diplexer  
 No. of Poles: \_\_\_\_\_ 4(x2)  
 Connector Type: \_\_\_\_\_ N

**Mechanical Specifications**

Physical Dimensions: \_\_\_\_\_ W8" x D4" x H4"  
 Connector Spacing: \_\_\_\_\_ 5.25"  
 Extrusion Size: \_\_\_\_\_ 2"  
 Weight: \_\_\_\_\_ 3.5 lbs.  
 Mounting: \_\_\_\_\_ Stand Alone

**Electrical Specifications**

**145 MHz**

Center Frequency: \_\_\_\_\_ 145 MHz  
 Band Width: \_\_\_\_\_ 2 MHz  
 SWR: \_\_\_\_\_ <1.4:1  
 Return Loss: \_\_\_\_\_ >16 dB  
 Approximate 3 dB BW: \_\_\_\_\_ -/+ 1.7 MHz  
 Approximate 30 dB BW: \_\_\_\_\_ -/+ 4 MHz  
 Approximate 50 dB BW: \_\_\_\_\_ - 7/+ 7.5 MHz  
 Power Handling: \_\_\_\_\_ 200 Watts RMS  
 Impedance: \_\_\_\_\_ 50Ω  
 Temp. Drift: \_\_\_\_\_ Approximately 2KHz /1°C

**435 MHz**

Center Frequency: \_\_\_\_\_ 435 MHz  
 Band Width: \_\_\_\_\_ 10 MHz  
 SWR: \_\_\_\_\_ <1.3:1  
 Return Loss: \_\_\_\_\_ >18 dB  
 Approximate 3 dB BW: \_\_\_\_\_ - /+ 7.3 MHz  
 Approximate 30 dB BW: \_\_\_\_\_ -15/+ 16 MHz  
 Approximate 50 dB BW: \_\_\_\_\_ -25/+ 30 MHz  
 Power Handling: \_\_\_\_\_ 200 Watts RMS  
 Impedance: \_\_\_\_\_ 50Ω  
 Temp. Drift: \_\_\_\_\_ Approximately 2KHz /1°C

