



# KINTRONIC LABS

an ISO 9001 registered company

## Kintronic FM Star Type and Constant Impedance Combiners Utilizing Double and Triple Cavity Band Pass Filters



### Mechanical Characteristics

Input Port  
Output Port  
Dimensions (L x W x H) (inch)  
Weight (lbs)  
Temperature Range (°F)

### FMC2X600W-D Star-point

N-Female or DIN 7/16  
DIN 7/16 or EIA 7/8"  
12x 12 x 33-1/2  
56  
14-120

### FMC2X600/3000W-T Constant Impedance

15 x 14-1/2 x 33-1/2  
67  
14-120

### Electrical Characteristics

Frequency Range (MHz)  
Insertion Loss (dB)  
    Port #1  
    Port #2  
Channel Separation (min.) (MHz)  
Isolation Between Channels (dB)  
    Port #1  
    Port #2  
VSWR per Channel  
Input/Output Impedance (Ohm)  
Max. Channel Input Power (W)  
    Port #1  
    Port #2  
Max. Output Power  
Max. Group Delay Variation (ns)

87.5 ÷ 108

< 0.55

< 0.55

2

> 30

> 30

≤ 1.1 : 1

50

600

600

1200

-

87.5 ÷ 108

< 1.35 (Narrow-band) (NB)

< 0.25 (Broad-band) (BB)

0.8

> 40 (#1 NB → #2 BB)

> 50 (#2 BB → #1 NB)

≤ 1.1 : 1

50

600 (Narrow-band)

3000 (Broad-band)

3600

30