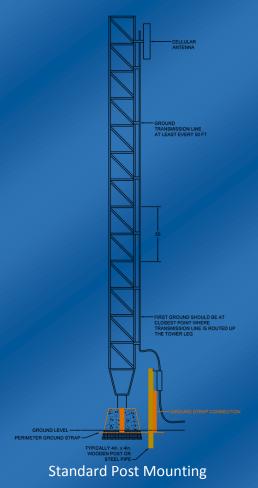


## KINTRONIC LABS

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### **Microwave Isocouplers**

For wireless antenna applications on AM broadcast towers





Isocoupler Installation

### For PCS Digital Cellphone Model FMC-1.9G-PCS

Band of Operation: 1.85 - 2.05 GHz

VSWR: <1.6
Insertion Loss: <1.5dB
RF Voltage Rating: >30KV Peak

Impedance: 50 Ohms in and out

Capacitance: 40 pF

\*One isocoupler required per each transmit/receive

antenna

# For Wireless Internet or other spread spectrum applications

**Model FMC-2.4G-SS** 

Band of Operation: 2.4 – 2.5 GHz

VSWR: <1.3:1 Insertion Loss: <2 dB

RF Voltage Rating: >30KV Peak

Impedance: 50 Ohms in and out

Capacitance: 40 pF

\*Optional tower leg mounting kits are available

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2017-02-08

MAILING ADDRESS: PO Box 845, Bristol, TN 37621-0845

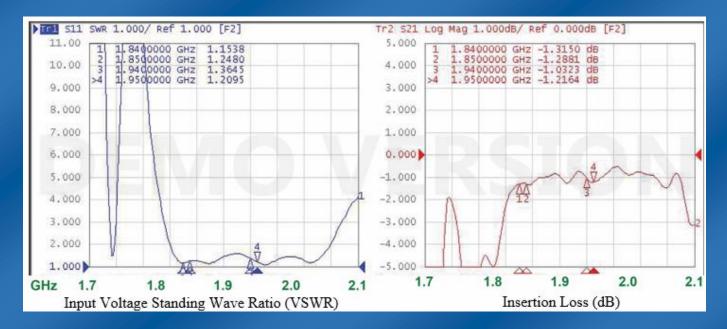
PHONE: +1 423 878-3141 e-mail: KTL@kintronic.com website: www.kintronic.com



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#### **Typical Microwave Isocouplers Pass Band Characteristics**



#### **Additional Microwave Isocoupler Features**

- Physical Characteristics
  - Length: 40.25"
  - o Diameter: 12.75"
  - Weight: 60 Lbs
- Supplied complete with installation instruction

- Input and Output Connectors: 7/16" DIN
- Mounting Provisions
  - Tower leg mount
  - Separate post mount
- Weatherproof for outdoor installation



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