



## **EXTREME TRANSMISSION RELIABILITY, EVEN IN EXTREME WEATHER**

As a broadcaster looking to optimize profitability, you need your antenna to perform as intended, no matter the weather you face. Dielectric's innovative antenna design helps you optimize performance to withstand whatever Mother Nature throws at you. So whether your transmission area is subject to heavy snow or rains, high winds, scorching heat or bitter cold, choose Dielectric. Because to keep the revenue flowing uninterrupted, the shows must go on.



### **TV ANTENNAS**

#### **Design Innovations**

- Maximized Radome Spacing
- Climbing Pegs Optimized with Site Specific Prevailing Winds
- Elevation Pattern Designed for Flatter Amplitude Response
- Pattern Shapers or transmission line runs protected under radome

#### **Resulting Performance & Facts**

- Tune for 3 to 6 MHz above channel without affecting 6 MHz tuning
- Eliminates cost of heaters
- Stable VSWR in heavy rain

### **FM ANTENNAS**

#### **Design Innovations**

- Design techniques and bay selection to maximize bandwidth
- Tune for channels and a few MHz up for drift in without affecting station channel
- Broadband Feed System Design
- Limit the use of parasitics that can ice up

#### **Resulting Performance & Facts**

- Added Bandwidth to avoid double slugging
- Saves cost of additional transmission line
- Better audio performance

For more information, call our Sales Team at **(800) 341-9678** or visit **Dielectric.com**