CMN538-60
900 MHz Transmit Filter, 60dB Rejection
Revision 5 • August 2007

Passband: 824 to 894 MHz
Passband Insertion Loss:
  824 – 893.5 MHz: 0.50 dB max.
  893.5 – 894 MHz: 0.75 dB max.
Ripple (Peak to Peak):
  824 – 893.5 MHz: 0.30 dB max.
  893.5 – 894 MHz: 0.60 dB max.
Rejection:
  896 – 901 MHz 60 dB min.
Passband Return Loss: 18.0 dB min.
Passband Power Handling:
  Average: 500 watts @ up to 15,000 feet
  Peak Instantaneous (PIP): 12500 watts @ up to 15,000 feet
Weatherproofing:
  Housing: To ETSI 300-19-2-4
  Connectors: Sealed to IP68 (Unmated)
MHA Support: 5.0 Amps @ 20VDC on Center Conductor
Intermodulation: -110 dBm maximum
  w/two +43 dBm carriers
Dimensions: Per CMT ol-538-60 Rev. 4
Mounting:
  Rack Mount Tray
  Outdoor Catwalk (Ice Bridge)
  Pole Mount
Operating Temperature: -30°C to +54°C
Storage Temperature: -40°C to +85°C