



LTE-RI-B5 LTE BAND 5 RADIO INTERFACE

- Mine-wide LTE Band 5 signal distribution
- Reduced cost compared to traditional LTE implementation in mines
- Easy installation and maintenance

FEATURES

The new LTE Leaky Feeder offerings from Becker Mining Systems bring an effective alternative to enabling LTE connectivity in mines.

The LTE Remote Radio Unit Interface (LTE-RI) acts as the bridge between the Remote Radio Unit and the Leaky Feeder network.

LTE-RI-B5 is specifically designed for LTE Band 5 applications and accepts 2T2R connections. DC injection, remote diagnostics, and adjustable attenuation are introduced onto the Leaky Feeder network via the LTE-RI-B5.

2-year component and workmanship warranty

TECHNICAL DATA

PERFORMANCE SPECIFICATIONS	
Input Impedance	50 Ω
Input Voltage	10.5 V to 36 V
Current Consumption	12V-220mA 16V-215mA 24V-205mA
Attenuation Adjustment Range	0 to 31.5 dB in 0.5 dB steps
Gain Control	MGC, AGC

LTE BAND 5 SPECIFICATIONS	
Bandpass (3 dB)	824 MHz to 849 MHz (uplink); 869 MHz to 894 MHz (downlink)
Bandwidth (3 dB)	25 MHz

MECHANICAL DATA	
Dimensions	446 x 408x 152 mm (17.6 x 16 x 6 in)
Weight	11.25 kg (24.8 lbs)
Enclosure	Steel
Connectors	N-Type

ENVIRONMENTAL DATA	
Temperature Range	-20 to +60 °C
Protection Class	IP66