



# RNG-TER VHF TERMINATION

- Absorbs RF Signals and Prevents Reflections and Distortions
- 75 Ohm Characteristic Impedance at VHF Frequencies

## FEATURES

The Becker Mining Systems smartcom® 150 Termination units are required at the end of each Leaky Feeder cable branch to absorb RF signals, preventing reflections and distortion.

Alternately, Stope antennas (RNG-AN1) can be installed at the end of Leaky Feeder branches to extend coverage into stopes or areas where cable damage is likely.

## TECHNICAL DATA

### PERFORMANCE SPECIFICATIONS

|                     |            |
|---------------------|------------|
| Impedance           | 75 Ω       |
| Frequency Range     | 10-200 MHz |
| Input Voltage       | 0-40 Vdc   |
| Current Consumption | 0 mA       |

### MECHANICAL DATA

|                        |   |
|------------------------|---|
| Enclosure              | Polystyrene                                       |
| Dimensions (L x H x W) | 165 x 75 x 130 mm<br>(6.5 x 3.0 x 5.1 in)         |
| Weight (nominal)       | 0.3 kg (0.66 lbs)                                 |
| Connectors             | 1 Three terminal Lug Connectors, PG21 cable grips |

### ENVIRONMENTAL DATA

|                   |                               |
|-------------------|-------------------------------|
| Temperature Range | -20 to +60° C (-4 to +140° F) |
| Protection Class  | NEMA 4x (IP66)                |

### APPROVALS

|                  |     |
|------------------|-----|
| CE Certification | Yes |
|------------------|-----|

Technical data are limit values.

If the product is integrated into systems or operated in combination with other devices, its permissible operating values can deviate from these limit values. Subject to technical modifications without prior notice.

Rev. G