



# 450-AN1 UHF STOPE ANTENNA

- Increases Off-Cable Coverage
- Extends Signal at the End of Leaky Feeder Cable

## FEATURES

Becker Mining Systems smartcom® UHF Stope Antennas (450-AN1) is designed to complement the smartcom® 450 UHF system. The Stope Antenna increases off-cable coverage into stopes and other areas where cable damage is likely.

Stope Antennas are installed at the end of a Leaky Feeder cable run in place of UHF termination units when extra coverage is required.

## TECHNICAL DATA

### PERFORMANCE SPECIFICATIONS

Antenna Type	Folded Dipole
Impedance	50 Ω
Antenna Gain	3 dBi
Center Frequency	450 MHz
Input Power (max)	1 Watt
Input Voltage	40 Vdc

### MECHANICAL DATA

Construction	PCB and Dipole Elements
Enclosure	Anti-Static ABS
Dimensions (L x H x W)	31cm x 17cm x 9cm (12.2in x 6.7in x 3.5in)
Connector	Brass block, M25 Cable Grip
Antenna Element	19 mm (0.75 in) diameter

### ENVIRONMENTAL DATA

Temperature Range	-20 to +40°C (-4 to +104°F)
Protection Class	NEMA 4x (IP66)

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.

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