



RNG-SP3 VHF THREE-WAY SPLITTER

- RF Branching off Leaky Feeder Cable
- DC Blocking and Termination Selection on each Branch via Jumper
- 75 Ohm Impedance

FEATURES

The Becker Mining Systems three-way splitters enable branching of Leaky Feeder cable in a smartcom® 150 system. The RNG-SP3 is a fully functional VHF splitter for the frequencies 10-200 MHz.

Each branch has jumpers to select its mode of operation:

Terminate: 75 Ω Termination.

No DC: Blocks DC voltage to/from branch.

Normal: Passes RF and DC.

TECHNICAL DATA

PERFORMANCE SPECIFICATIONS	
75 ohm Termination	Jumper Select on BR 1, BR 2 and BR 3
Input/Output Impedance	75 Ω
Frequency Range	10-200 MHz
RF Loss	BR1: 4 dB, BR2: 8 dB, BR 3: 8 dB
Input Voltage Range	0-40 Vdc
Current Consumption	0 mA
DC Blocking	Jumper Select on BR 1, BR 2 and BR 3

MECHANICAL DATA	
Dimensions (L x H x W)	200 x 75 x 130 mm (7.9 x 3.0 x 5.1)
Weight (nominal)	0.4 kg (0.88 lbs)
Enclosure	Polystyrene
Connectors	4 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.

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