SMART COM SURFACE DATA MODULE

VARIS SMART UNDERGROUND COMMUNICATIONS

becker
VARIS

Part Number :

Serial Number :   MFG Date :

SALES/SERVICE: +1-705-674-8111 | www.varismine.com

VSDM-150WW#
VHF SURFACE
DATA MODULE

- Data Connection Over Leaky Feeder
- Connects to VHF Basestation RF Distribution
- DC Input Voltage (12-14 Vdc)
- Ethernet Connectivity
- Dedicated RF Channel

smartcom®

FEATURES

Becker Mining Systems smartcom® 150 Surface Data Module (VSDM) interfaces with the Leaky Feeder Basestation to provide communications with the smartcom® 150 In-Line Data Module units (VIDM) along the LF network.

The VSDM-150WW# is configured to communicate with the VIDM-150WW# In-line Data Module.

Serial data rates from 2400-115200 are supported. Connections are made to the server via Ethernet and to the LF through the RF distribution already in place for the voice network.

2 year component & workmanship warranty.

TECHNICAL DATA

PERFORMANCE SPECIFICATIONS	
Impedance	50Ω
Input Voltage	12-14 Vdc
Current Consumption	335 mA @ 12 V
Output RF Power	0 dBm ± 1dB
Downstream Freq	154.7 MHz (default)
Upstream Freq	177.05 MHz (default)
Interface	Ethernet (converted from RS485)
Ethernet	10/100 Mbps, auto MDI/MDIX
Serial Data Rate	115200 (default, 2400-115200 factory configured)
Parity	None (default)

MECHANICAL DATA	
Enclosure	2U 19" Rack Mount
Dimensions (H x W x D)	260 x 87 x 156 mm (3.5 x 19 x 12 in)
Weight (nominal)	5.2kg (11.5 lbs)
RF Connectors	BNC Jack
Ethernet	RJ45

ENVIRONMENTAL DATA	
Temperature Range	0 to +55° C (32 to +131° F)

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