Surface Splice Box

Radiating Cable



INNOVATING SAFETY. POWERING PRODUCTIVITY.

The Model SSB-LL (Surface Splice Box – Radiating Cable) is a lightning arrestor for leaky feeder systems

The Surface Splice Box is installed outside of the mine. The gaseous discharge tube arrestor can withstand multiple lightning strikes. The arrestor is placed in series with the leaky feeder cable. There are two leaky feeder saddle and clamp connections in the unit.





Inside of SSB-LL

BENEFITS

- Protects the system from the damaging effects of lightning
- Leaky feeder connections (x2)
- Passive element

DEVICE COMPATIBILITY

· Leaky feeder systems

Outside of SSB-LL

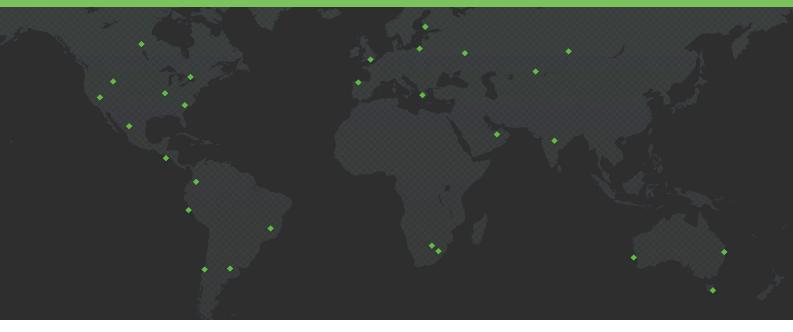
LIGHTNING ARRESTOR TECHNICAL SPECIFICATIONS

Specifications		
Frequency Range	DC-2500MHz	
VSWR	<1.1:1 DC – 1GHz	
VSWR	<1.2:1 1 – 1.5GHz	
VSWR	<1.3:1 1.5 – 2.5GHz	
Insertion Loss	<0.1dB	
Power	90 VDC (voltage)	
Current Handling Capability	20kA *IS 8/20uS	

DEVICE SPECIFICATIONS

Specifications	
Frequency Range	10 to 175 MHz
Power Requirement	None
Insertion Loss¹	2.1 dB
Connectors, Leaky Feeder	Nickel plated brass, saddle and clamp
Impedance	75 ohm
Dimensions	400 x 300 x 210mm (15.7 x 11.8 x 8.3 in)

¹ insertion loss approximation



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