

- ◆ Multi-Band Frequency Range
- ◆ 250 Watt Average Power Rating
- ◆ 3 kV DC High Voltage Rating
- ◆ Minimal RF Insertion Loss
- ◆ Very Low Passive IM
- ◆ RoHS compliant
- ◆ High Reliability
- ◆ 7-16 DIN connectors



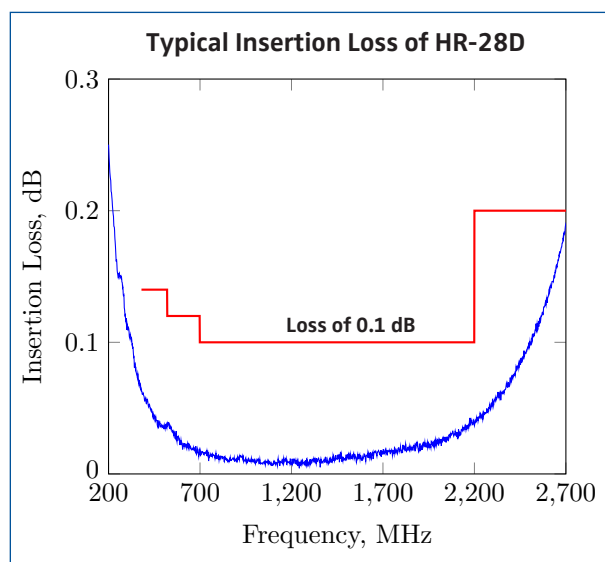
DC Blocks are used to prevent the flow of direct current and low frequency current surges along the inner and outer conductors of a transmission line, while permitting the unimpeded flow of RF signals. Applications include the blocking of current surges in subway tunnels and at antenna sites during lightening storms.

The unit consists of a length of coaxial line with a series capacitor in both the center conductor and outer conductor to block the flow of low frequencies, while passing RF with negligible loss or reflections.

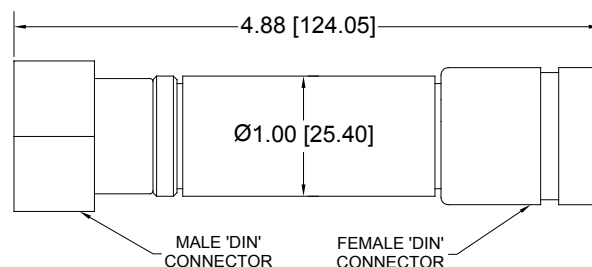
Specifications

Block:	Inner and Outer
Impedance:	50Ω nominal
Intermod. Distortion:	<-150 dBc (2 tones of +43 dBm)
Environment:	-35°C to +75°C
Power Rating:	250W avg., 10kW pk.
Breakdown Voltage:	3 kV DC max.
Finish:	Delrin plastic
Connector Finish:	Silver or triplate

Model Number	Connectors (m & f)		Frequency Range, MHz					Weight oz. (g) nom
			380-500	500-698	698-2200	2200-2500	2500-2700	
HR-28D	7-16 mm DIN	Loss, dB	<0.14	<0.12	<0.1	<0.2	<0.2	12.1 (340)
		VSWR	<1.40:1	<1.20:1	<1.20:1	<1.35:1	<1.40:1	



HR-28D Outline



Note: Specifications are subject to change without prior notification.

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