

- ◆ Ultra Wide-band DC Block for LTE-LAA
- ◆ 500 W Avg. Power Rating
- ◆ Guaranteed Low PIM
- ◆ Minimal RF Insertion Loss
- ◆ 3 kV High Voltage Rating
- ◆ IP65 Rated
- ◆ RoHS compliant
- ◆ 4.3-10 connectors



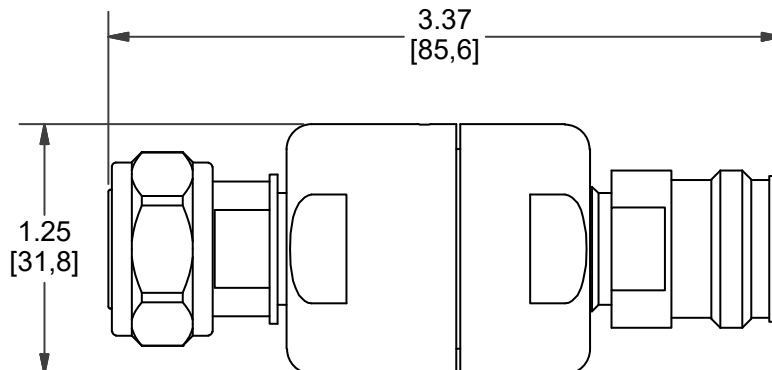
Microlab HR-26E DC Block is used to prevent the flow of direct current and low frequency current surges along the inner conductor of a coaxial cable, while permitting the unimpeded flow of RF signals. Applications include the blocking of current surges in subway tunnels and antenna sites during lightning storms. The ultra wide frequency range allows use in LTE-LAA deployments with multiband antennas.

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

Frequency Range:	250 5925 MHz
Block:	Inner conductor only
Power Rating:	500 W avg., 10 kW pk.
Breakdown Voltage:	3 kV max. DC
Impedance:	50Ω nominal
PIM:	-161 dBc (-118 dBm) min. (2 tones at +43 dBm)
Environment:	-35°C to +75°C, IP65
Finish:	Passivated aluminum
Connectors:	Triplate, 4.3-10(m-f)
Weight:	5.0 oz (143g)

Frequency Band (MHz)	250-617	617-960	960-2700	3300-3800	5150-5925
Return Loss (dB)	>13	>19	>20	>18	>14
Insertion Loss (dB)	<0.20	<0.10	<0.10	<0.12	<0.20

### Mechanical Outline



Dimensions in inches [mm]

Note: Specifications are subject to change without prior notification.

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