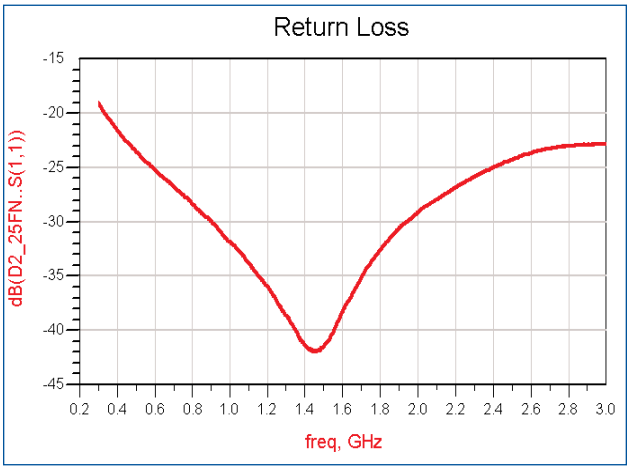
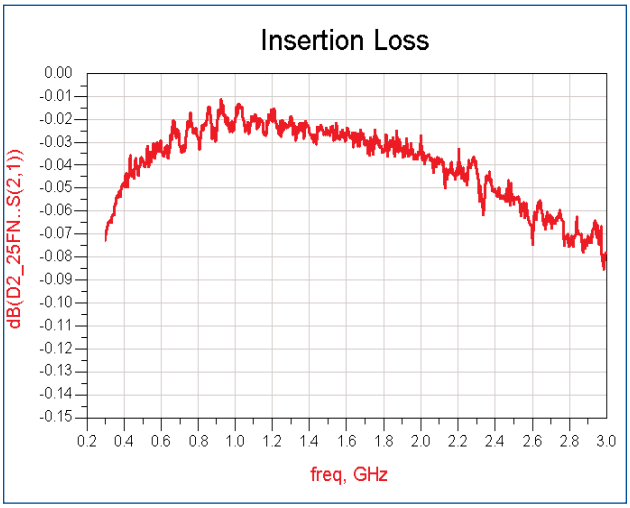
# DC Blocks, HR-25 series

Low Cost, High Power, Inner Blocks
380 – 2,700 MHz, N or 7-16 mm

- Multi-Band Coverage
- Low Cost, High Performance
- 250 W Avg. Power Rating
- 3 kV High Voltage Rating
- Minimal RF Insertion Loss
- Very Low Passive IM
- High Reliability,
- RoHS compliant
- N or DIN male to female


| Model | Connector (Trimetal) | Frequency Range, MHz | Insertion Loss, dB | VSWR, max | Environment | IP Rating | Weight nominal |
|---|---|---|---|---|---|---|---|
| HR-25N: | N (m-f) | 380 - 2,700 MHz | <0.08 | 1.25:1 | -35°C to +75°C | IP64 | 2.3 oz, 65g |
| HR-25D: | 7-16 (m-f) | 380 - 2,700 MHz | <0.08 | 1.35:1, <520 MHz<br>1.25:1, >520 MHz | -35°C to +75°C | IP67 | 9 oz, 245g |

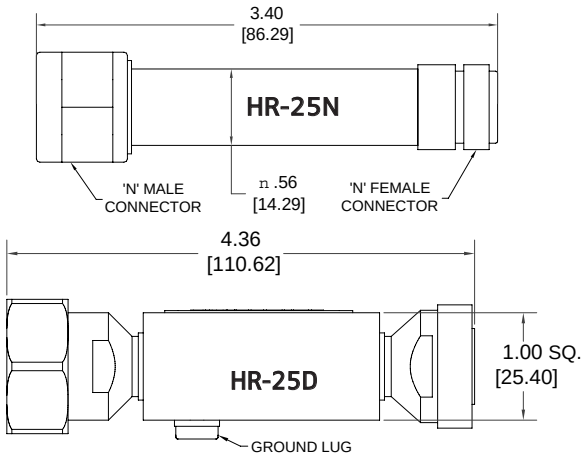



The Microlab HR-25 series DC Blocks are used to prevent the flow of direct current and low frequency current surges along the inner conductor of a transmission line, while permitting the unimpeded flow of RF signals. Applications include the blocking of current surges in subway tunnels and antenna sites.

The unit consists of a length of coaxial line with a distributed series capacitor in the center conductor to block the flow of DC and low frequencies, while passing RF with negligible loss or reflections. (11/09)

| | |
|---|---|
| Block: | Inner conductor only |
| Power Rating: | 250 W avg., 10 kW pk. |
| Breakdown Voltage: | 3 kV max. DC |
| Impedance: | 50Ω nominal |
| Intermod. Distortion: | <-150 dBc max.(2 tones +43 dBm) |
| Finish: Body | Conversion Coated |

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