

- ◆ 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 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. (01/13)

| | |
|-----------------------|----------------------------------|
| 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 |

