

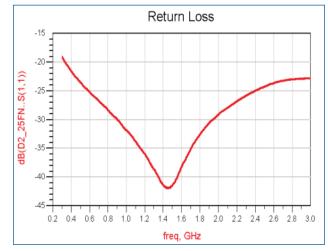


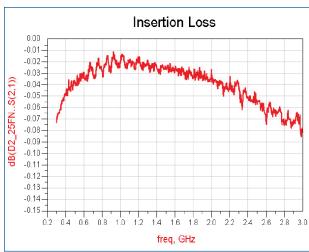
Low Cost, High Power, Inner Blocks 380 – 2,700 MHz, N or 7-16 mm Rev. A

- Multi-Band Coverage
- ♦ Low Cost, High Performance
- 250 W Avg. Power Rating
- ♦ 3 kV High Voltage Rating
- Minimal RF Insertion Loss
- Verv 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:
Power Rating:
Breakdown Voltage:
Impedance:
Intermod. Distortion:
Finish: Body

Inner conductor only 250 W avg., 10 kW pk. 3 kV max. DC 50Ω nominal <-150 dBc max.(2 tones +43 dBm)

Conversion Coated

