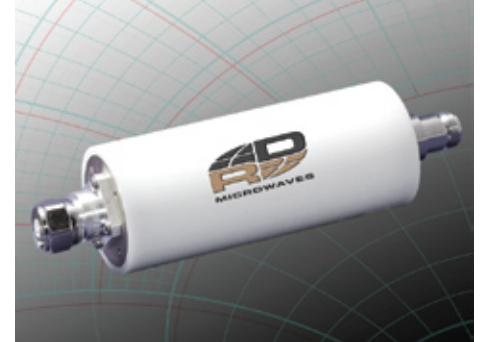




DC Blocks Inner/Outer

Model DC-A08 Type N, 380-2500 MHz

Model	DC-A08	
Frequency range	380-1000 MHz	1710-2500 MHz
Dissipative loss, Typ.	0.1 dB	0.2 dB
Impedance	50 Ω	50 Ω
VSWR J1 and J2	20.8 dB	17.7 dB
Intermodulation IM3 (2 x 43 dBm carrier)	< -150 dBc	< -150 dBc
Max. power	500 W Avg, 8 kW Peak (at 20 °C ambient temperature)	
DC Voltage Rating	12.5 kV	
Connectors	Type N female or male, flange with O-ring	
Material:		
Housing	DELRIN (Acetal)	
Inner conductor & Connectors	Passivated Aluminium	
DC continuity		
J1 - J2	RF only	
Profile cross-section	50 mm (2")	
Weight approx	0.6 kg (1.3 lb)	



Model DC-A08 is an Inner/Outer DC block covering wireless applications in the 380-1000 MHz and 1710-2500 MHz bands. It is a proprietary design of a distributed capacitor with a high voltage breakdown dielectric.

The Model DC-A08 is supplied with Type N(m-f) connectors, RF power ratings of 500 Watts, 8.0 kW peak, and a breakdown voltage of 12.5 kV. Insertion loss is less than 0.2 dB and RL is better than 20.8 dB, making it ideal for tunnel DAS applications using radiating (leaky) cable or for eliminating unwanted DC voltages in base station installations.

