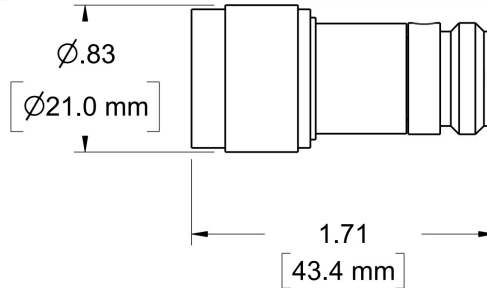


# DC Block

# WA8046

WA8046/6: 10 MHz – 6.0 GHz  
 WA8046/12: 10 MHz – 12.4 GHz  
 WA8046: 10 MHz – 18.0 GHz

200 VOLTS



## Features

Type N stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification.

Inner only– 6.0/12.4/18.0 GHz N-Type DC Block.

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** WA8046: 10 MHz - 18.0 GHz.  
 WA8046/6: 10 MHz - 6.0 GHz.  
 WA8046/12: 10 MHz - 12.4 GHz.

**Voltage:** 200 volts

**Power Rating:** 5 W maximum average rated power to 25°C ambient temperature (Bidirectional).

**Temperature Range:** -65°C to +125°C.

**Construction:** Passivated stainless steel body and connectors. Gold plated beryllium copper contacts. RoHS Compliant.

### Maximum VSWR:

Frequency (GHz)	VSWR		
	WA8046	WA8046/6	WA8046/12
0.01 - 1.0	1.20	1.20	1.20
1.0 - 4.0	1.30	1.30	1.30
4.0 - 8.0	1.40	1.40	1.40
8.0- 18.0	1.50	N/A	1.50

### Maximum Insertion Loss:

Frequency (GHz)	Insertion Loss (dB)		
	WA8046	WA8046/6	WA8046/12
0.01 - 1.0	0.25	0.25	0.25
1.0 - 4.0	0.50	0.50	0.50
4.0 - 8.0	0.80	0.80	0.80
8.0- 18.0	0.80	N/A	0.80

### Dimensions:

Length: 43.4 (1.71)  
 Diameter: 21.0 (0.83)  
 Weight: 70 (2.6)

*Note: Dimensions are given in mm (in), or g (oz). Weight figure is nominal, with our standard connector configuration. Additional connector options may be available.*