

DC Block

Benefits

- Solid Construction
- Broad Band
- Low PIM
- IP67

Item No: AMA-5357-30MF

Description: DC-Block 80 to 3800 GHz, Low PIM Coaxial, 7/16 M. to F.

This new addition to our in-building family of products is a broad-band, Low PIM coaxial DC Block designed ideal for connection to the input of a network combiner

Electrical Specifications

Frequency	380 – 2700 MHz	
Impedance	50 Ω	
Insertion Loss	0.25dB	@80-3800 MHz (0.10 db Typical)
VSWR	1:40 (Typ 1:28)	@80-100 MHz
	1:30 (Typ 1:22)	@100-300 MHz
	1:10 (Typ 1:06)	@300-1880 MHz
	1:20 (Typ 1:11)	@1880-2700 MHz
	1:25 (Typ 1:19)	@3800 MHz
Intermodulation	-160 dBc	-165dBc typical, 3rd order, 2 x 20 Watt
DC Blocking *	3000 V	(between outer conductors)
	3000 V	(between inner conductors)
RF CW Power* (Max)	1500 W	@ 80 Mhz
	300 W	@ 1880 Mhz
	250 W	@ 2700 Mhz
	130 W	@ 3800 Mhz
* For VSWR = 1>0 @sea level ambient temp 20°C		

Mechanical Specification

Inner Conductor	Copper Allow/Silver Plated
Outer Conductor	Copper Allow/Silver Plated
Outer Metal Parts	Copper Allow/Bright Nickel Plated
Insulation	PTFE; POM; Polyimide
Environmental	IP67 (Interface connected with appropriate gasket)
Sealing	Silicon Rubber
Connectors	7/16 Male DIN to 7/16 Female DIN
Temperature	-40°C to +55°C
Weight	0.35 Kg

Certifications

- ISO9001:20015

General Information

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