



COAXIAL

DC Block

BLK-18-S+

50Ω 0.01 to 18 GHz SMA Female to SMA Male

FEATURES

- Broadband performance
- Low Insertion loss
- Rugged unibody construction
- Off-the-shelf availability



Generic photo used for illustration purposes only

APPLICATIONS

- Test and Measurement Instrumentation
- Communication Systems
- Defense Systems

Model No.	BLK-18-S+
Case Style	FF888
Connectors	SMA F-SMA M

+RoHS Compliant
 The +Suffix identifies RoHS Compliance.
 See our website for methodologies and qualifications

ELECTRICAL SPECIFICATIONS AT 25°C

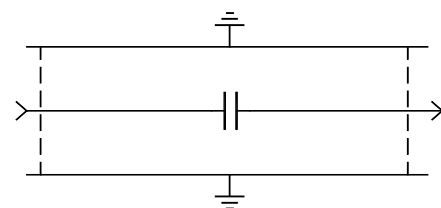
Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Frequency Range		0.01		18	GHz
Insertion Loss	0.01-0.1	—	0.02	0.2	dB
	0.1-1.0	—	0.07	0.3	
	1.0-4.0	—	0.15	0.65	
	4.0-8.0	—	0.38	1.0	
	8.0-18	—	1.00	—	
Return Loss	0.01-0.1	20	26	—	dB
	0.1-1.0	20	36	—	
	1.0-4.0	20	24	—	
	4.0-8.0	15	18	—	
	8.0-18	—	12	—	

ABSOLUTE MAXIMUM RATINGS

Parameter	Ratings
Operating Case Temperature	-55 °C to +100 °C
Storage Temperature	-55 °C to +100 °C
DC Input Voltage	50 V
Input Power	36 dBm

Permanent damage may occur if any of these limits are exceeded.

ELECTRICAL SCHEMATIC





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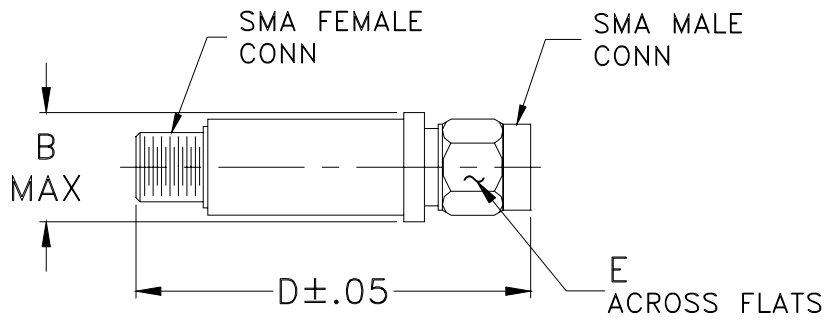
Mini-Circuits

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COAXIAL CONNECTIONS

Port 1	SMA - Female
Port 2	SMA - Male

OUTLINE DRAWING



OUTLINE DIMENSIONS (Inches/mm)

	B	D	E	Weight Grams
inches	.410	1.18	.312	
mm	10.41	29.97	7.92	7.0