



COAXIAL

DC Block

BLK-89-S+

50Ω 0.1 MHz to 8000 MHz 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-89-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

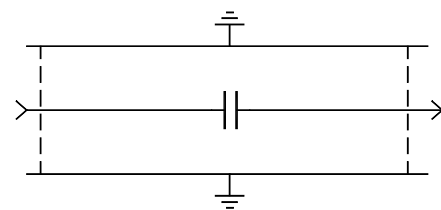
Parameter	Frequency (MHz)	Min.	Typ.	Max.	Units
Frequency Range		0.1		8000	MHz
Insertion Loss	0.1-100	—	0.010	0.09	dB
	100-1000	—	0.10	0.3	
	1000-4000	—	0.15	0.8	
	4000-8000	—	0.50	0.9	
Return Loss	0.1-100	20	40	—	dB
	100-1000	25	36	—	
	1000-4000	18	24	—	
	4000-8000	13	20	—	

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

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

ELECTRICAL SCHEMATIC





COAXIAL

DC Block

BLK-89-S+

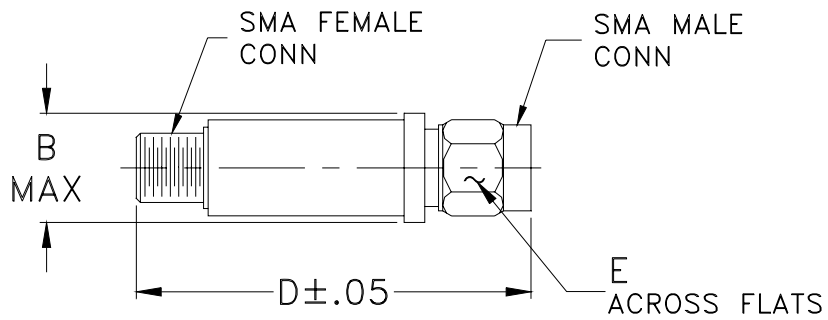
Mini-Circuits

50Ω 0.1 MHz to 8000 MHz SMA Female to SMA Male

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	7.0
mm	10.41	29.97	7.92	