

Miniature Junction Box

DESCRIPTION

- Miniature junction box = coupling in or out of supply on the coaxial cable.
- Large frequency range: 1 MHz → 1.6 GHz.
- Excellent isolation between RF and supply : > 60 dB (@ 10-1600 MHz).
- To be used where coupling in or out of supply on the coaxial cable is required:
 - Power supply to a mast amplifier or active antenna.
 - DC supply at duplex filters.
 - Spectrum analyzer with external preamplifier.
- Provided with FME-male connector on input and output.
- Quick installation using the dual-adhesive pad provided.



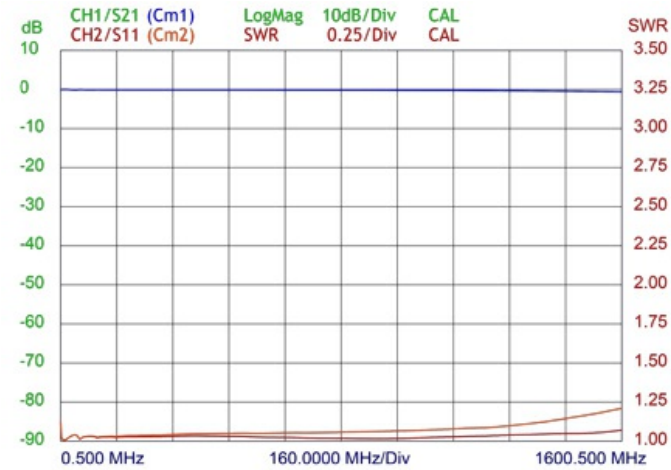
SPECIFICATIONS

Electrical	
Model	JB1-1G
Frequency	1 - 1600 MHz
Insertion Loss	0.6 dB typ. < 0.3 dB @ 1000 MHz
Max. Voltage	50 V
VSWR	Max. <1.4:1 typ < 1.3:1
Power Supply	Red/black double cable
Max. Current	500 mA
Isolation RF-DC	Min. 60 dB typ. ≥ 75 dB (@ 10 - 1600 MHz)
Mechanical	
Connection(s)	FME-male, 2 pcs. + flexible wire
Dimensions	50 x 50 x 21 mm / 1.97 x 1.97 x 0.83 in.
Weight	0.65 kg / 1.43 lb.

ORDERING

Model	Product No.
JB1-1G-SMA	200001698
JB1-1G-FME	200002581

TYPICAL RESPONSE CURVES

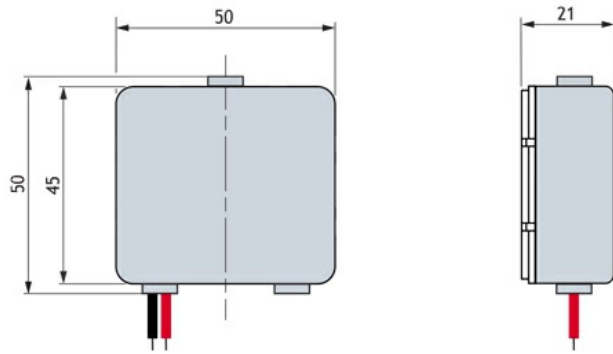


EU DECLARATION OF CONFORMITY

Hereby Amphenol Procom declare that the product type JB1-1G is in compliance with EU Directive 2014/53/EU.
The full text of the EU Declaration of Conformity is available at:

<https://amphenolprocom.com/images/shop/catalog/pdf-for-catalogues/Declaration-of-Conformity-JB.pdf>

MECHANICAL OUTLINE



FUNCTIONAL DIAGRAM

