

AP power adapters

Features

- Extra-wide operating frequency range
- Small dimensions
- Four versions with various input/output female-male connector options

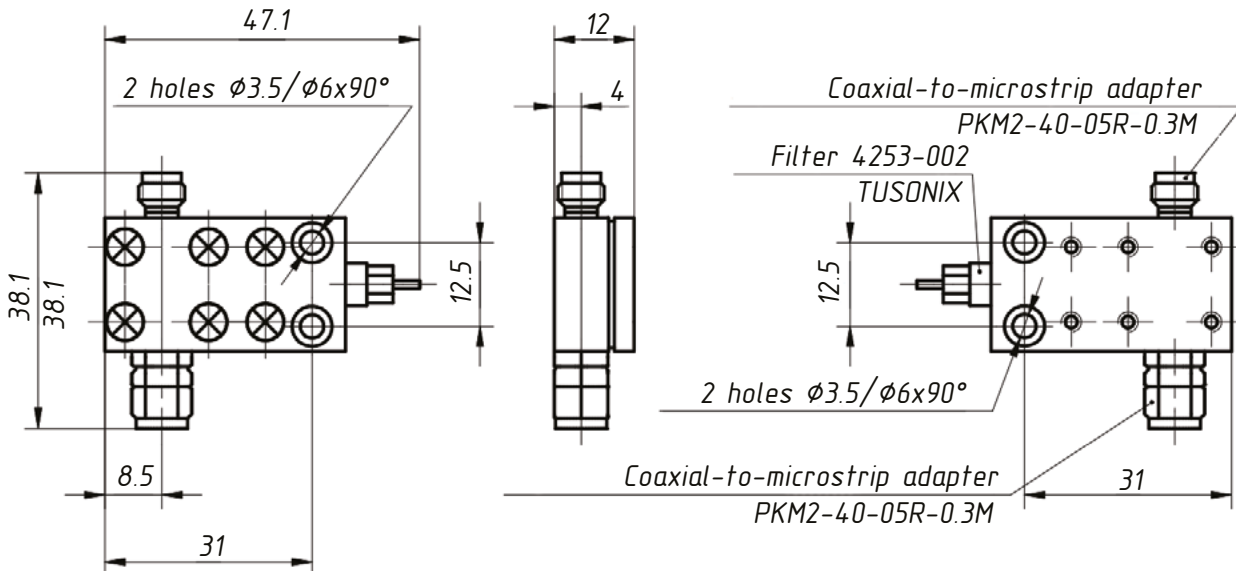
Description

AP-50/1 power adapter is designed to supply DC voltage to the central contact of coaxial connector of an analyzed component or microwave module, providing DC isolation at adapter input. Coaxial path of the AP-50/1 adapter is 2.4 mm. Four versions of AP-50/1 are available:



Item	Maximum current	Input connector	Output connector	Description
AP-50/1-0.2A-05R-05	0.2 A	05P	05	(female) – (male),
AP-50/1-1A-05R-05	1A	05P	05	(female) – (male),
AP-50/1-0.2A-05R-05R	0.2 A	05P	05P	(female) – (female)
AP-50/1-1A-05R-05R	1A	05P	05P	(female) – (female)

Dimensions



Specifications

AP-50/1-0.2A

Frequency range	0.01 ... 50 GHz
VSWR (input, output)	
0.01 ... 8 GHz	1.26
8 ... 18 GHz	1.35
18 ... 50 GHz	1.7
Insertion loss	
0.01 ... 8 GHz	0.9 dB
8 ... 18 GHz	1.5 dB
18 ... 50 GHz	2.8 dB
Maximum current	0.2 A
Maximum voltage	± 40 V

AP-50/1-1A

Frequency range	0.05 ... 50 GHz
VSWR (input, output)	
0.05 ... 8 GHz	1.35
8 ... 18 GHz	1.45
18 ... 50 GHz	1.8
Insertion loss	
0.01 ... 8 GHz	1.5 dB
8 ... 18 GHz	1.5 dB
18 ... 50 GHz	3.5 dB
Maximum current	1 A
Maximum voltage	± 40 V

Ordering information

- AP-50/1-0.2A-05R-05.
- AP-50/1-0.2A-05R-05R.
- AP-50/1-1A-05R-05.
- AP-50/1-1A-05R-05R.