

GRAS RA0038

1/2" 2cc Coupler according to IEC 60318-5



Volume: 2 cc

ANSI: S3.7

IEC: 60318-5

Special feature: For 1/2" pressure microphones

The GRAS RA0038 Coupler is a standard 2 cm³ Coupler according to IEC 126 and ANSI S3.7-1973. It uses a 1/2" microphone (preferably the [GRAS 40AG](#)) with a suitable preamplifier (e.g. [GRAS 26AC](#) which is a 1/4" preamplifier but is supplied with an adapter for 1/2" microphones).

The RA0038 is for use in the acoustical measurements of insert type hearing aids and earphones.

It complies with the requirements of

- IEC 60318-5 (60126) 2 cm³ coupler for the measurement of hearing aids and earphones coupled to the ear by ear inserts and
- ANSI S3.7-1995 American National Standard for Coupler Calibration of Earphones.

To avoid possibly damaging the microphone, the RA0038 can be used with a microphone fitted with its protection grid, e.g. a [GRAS 40AG](#) and a suitable preamplifier, like [GRAS 26AS](#) which is a 1/4" very short preamplifier with 3 m integrated cable.

The RA0038 is also part of the [GRAS 43AB Artificial Ear](#).

| | | |
|-----------------------------------|-----------------|------------------------|
| Connector type | | BNC |
| Polarization/Connection | | 0 V / CCP |
| Coupler volume | mm ³ | 2 ccm |
| Humidity range non condensing | % RH | 0 to 95 |
| ANSI standard | | S3.7 |
| IEC standard | | 60318-5 (former 60126) |
| CE/RoHS compliant/WEEE registered | | Yes/Yes, Yes |
| Weight | g / oz | 50 / 1.76 |

GRAS Sound & Vibration reserves the right to change specifications and accessories without notice.

GRAS Worldwide

Subsidiaries and distributors in more
than 40 countries

HEAD OFFICE, DENMARK

GRAS SOUND & VIBRATION

Skovlytoften 33
2840 Holte
Denmark
Tel: +45 4566 4046
www.GRASacoustics.com
gras@grasacoustics.com

USA

GRAS SOUND & VIBRATION

9290 SW Nimbus Avenue
Beaverton, OR 97008
Tel: 503-627-0832
Toll Free: 800-231-7350
www.GRASacoustics.com
sales-usa@grasacoustics.com

UK

GRAS SOUND & VIBRATION

Unit 115, Gibson House,
Ermine Business Park, Huntingdon,
Cambridgeshire, PE29 6XU
Tel: +44 (0) 7762 584 202
www.GRASacoustics.com
sales-uk@grasacoustics.com

CHINA

GRAS SOUND & VIBRATION

Room 315, RuiBo Center(T1)
Lane683, Shenhong Rd,
Minhang District,
Shanghai, China, 201107
Tel: +86 21 64203370
www.GRASacoustics.cn
cnsales@grasacoustics.com



About GRAS Sound & Vibration

GRAS is a worldwide leader in the sound and vibration industry. We develop and manufacture state-of-the-art measurement microphones and related equipment for industries where acoustic measuring accuracy and repeatability are of the utmost importance. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, consumer electronics and other highly demanding industries. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect, trust and require.

GRAS Sound & Vibration is represented through subsidiaries and distributors in more than 40 countries and is part of Axiometrix Solutions, a leading test solutions provider comprised of globally recognized measurement brands. Read more at www.grasacoustics.com

grasacoustics.com

GRAS
An Axiometrix Solutions Brand