GRAS 26TC1/4 3





2 Hz - 200 kHz Noise: 1.8 µV

Gain: -0.25 dB

GRAS 26TC 1/4" 2 Hz 200 kHz



GRAS

26TC TEDS GRAS GR0010

GRAS 1/2

GRAS 26TC 28-120 VDC ±14-±60

VDC 120 VDC ±60 VDC 140 dB

GRAS 26TC

20 pF 6.5 pF **GRAS 26TC**

3 pF 1/2" 1/4" 1/8"

GRAS 26TC

1V 100pF/m 30pF/

26TC 3 7-pin LEMO 1B 2.5

-40°C +150°C GR0010 **GRAS 1/2**

Power Supply + (6) (1) Not used

(2) Signal Ground Signal Output (4) (3) Polarization 200 V

> Power Supply -(Ground)

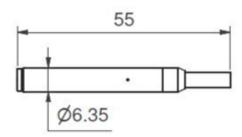
7-pin LEMO plug 1B male (ext. view)

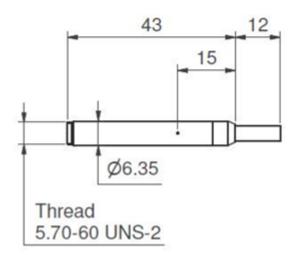
Specifications

Frequency range (±0.2 dB) with 18 pF microphone dummy	Hz	2 to 200 k
Slew rate	V/µs	20
Input impedance	GΩ // pF	20 // 0.4
Output impedance	Ω	55
Output Voltage Swing, max. @ ±14V/+28V power supply	Vp	10
Output Voltage Swing, max. @ ±60V/+120V power supply	Vp	50
Noise (A-Weighted) max.	μV	2.5
Noise (A-Weighted) typ.	μV	1.8
Noise (Linear 20 Hz – 20 kHz) max.	μV	6
Noise (Linear 20 Hz - 20 kHz) typ.	μV	3.5
Gain	dB	-0.25
Power supply, single	V	28 to 120
Power supply, balanced	V	±14 to ±60
DC-offset, min., single suppy	V	0.5 x Vs - 1
DC-offset, max., single suppy	V	0.5 x Vs + 4
DC-offset, balanced supply	V	-1 to 4
Temperature range, operation	°C / °F	-30 to 70 / -22 to 158
Temperature range, storage	°C / °F	-40 to 85 / -40 to 185
Humidity range non condensing	% RH	0 to 95
TEDS (IEEE 1451.4)		27 v. 1.0
Connector type		7-pin LEMO 1B
CE/RoHS compliant/WEEE registered		Yes / Yes / Yes
Weight (without cable)	g / oz	6 / 0.2
Weight (with cable + LEMO connector)	g / oz	50 / 1.8



GRAS 26TC 1/4





Ordering info

GRAS AA0008	3 m LEMO 7-pin - LEMO 7-pin Cable
GRAS AL0029	1/4" Microphone Holder, POM
GRAS AL0013	1/4" Microphone Holder, Stainless Steel
GRAS AL0005	Swivel head
GRAS AL0006	Tripod
GRAS RA0063	Adapter for 1/8" microphone and 1/4" preamplifier
GRAS RA0006	Right-angled (90°) Adapter for 1/4" Microphone and 1/4" Preamplifier
GRAS RA0002	Right-angled adjustable adapter for 1/2" mic/ 1/4" preamp.
GRAS RA0080	6pF Preamplifier-input adapter for 1/4" microphones
GRAS 12AA	2-Channel Power Module with gain, filters and SysCheck generator
GRAS 12AQ	2-Channel Universal Power Module with signal conditioning and PC interface
GRAS 12BC, 12BF and 12BD	LEMO Power Modules with TEDS Support



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

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