

GRAS 26CB

¼" CCP Preamplifier



26CB is a CCP preamplifier with integrated Microdot connector for use with ¼" prepolarized microphones. It includes built-in TEDS which enables it to be programmed as a complete unit together with a microphone.

A high-temperature version is available, 26CB-HT

GRAS 26CG

¼" CCP Preamplifier



26CG is a CCP preamplifier with integrated Microdot connector for use with ¼" prepolarized microphones. It includes built-in TEDS which enables it to be programmed as a complete unit together with a microphone.

GRAS 26CC

¼" CCP Preamplifier



26CC is a CCP preamplifier with integrated SMB connector. For use with ¼" prepolarized microphones. For direct use on GRAS Array Modules PR0001 and PR0002 connected to constant-current input devices. Includes built-in TEDS which enables it to be programmed as a complete unit together with a microphone.

GRAS 26CS

¼" CCP Preamplifier, Very Short



26CS has a Microdot connector for constant-current input devices. It is a very small unit, short enough for use in e.g., anechoic test boxes and with the KEMAR Manikin and 45CA Hearing-protector Test Fixture.

Specifications	26CB	26CB-HT	26CC	26CG	26CS
Frequency Range	2.5 Hz – 200 kHz (± 0.2 dB)	2.5 Hz – 200 kHz (± 0.2 dB)	2.5 Hz – 200 kHz (± 0.2 dB)	1 Hz – 200 kHz	2 Hz – 200 kHz
Input Impedance	20 GΩ, 0.4 pF	20 GΩ, 0.4 pF	20 GΩ, 0.4 pF	40 GΩ, 0.4 pF	20 GΩ, 0.4 pF
Output Impedance	< 50 Ω	< 50 Ω	< 50 Ω	< 55 Ω	< 50 Ω
Output Connector	Microdot	Microdot	SMB	Microdot	Microdot
Power Supply	2 mA to 20 mA (typ. 4 mA)	2 mA to 20 mA (typ. 4 mA)	2 mA to 20 mA (typ. 4 mA)	2 mA to 20 mA (typ. 4 mA)	2 mA to 20 mA (typ. 4 mA)
Noise A-weighted	≤ 2.5 μVrms (typ. 1.8 μV)	≤ 2.5 μVrms (typ. 1.8 μV)	≤ 2.5 μVrms (typ. 2.0 μV)	≤ 2.5 μVrms (typ. 1.5 μV)	≤ 2.5 μVrms
Noise linear	≤ 6 μVrms (typ. 3.5 μV)	≤ 6 μVrms (typ. 3.5 μV)	≤ 6 μVrms (typ. 3.5 μV)	≤ 6 μVrms (typ. 3.5 μV)	≤ 6 μV
Gain*	-0.35 dB (typical)	-0.25 dB (typical)	-0.35 dB (typical)	-0.35 dB (typical)	-0.45 dB (typical)
Operating Temp.	-30°C to +85°C	-30°C to +120°C	-30°C to +85°C	-30°C to +85°C	-30°C to +85°C
Storage Temp.	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C

* Measured with a 20 pF dummy microphone.

