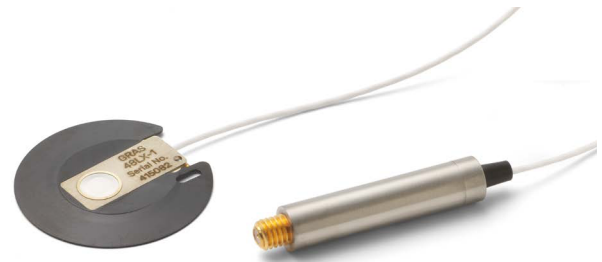


UTP Microphones



GRAS 48LA

UTP Microphone, High Pressure



48LA is a UTP high-pressure surface microphone for aero-acoustic testing.

It is a revolutionary new design that has made it possible to combine a 1/4" condenser microphone with a form factor that makes it the world's smallest measurement microphone.

The height of the microphone is 1 mm. It has a built-in preamplifier. The integrated cable connector is Microdot male. The total cable length is 3 m.

GRAS 48LX-1

UTP Microphone, Medium Pressure

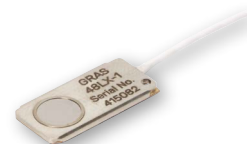
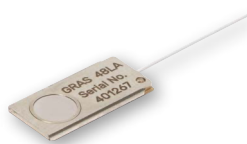


48LX-1 is a UTP surface microphone set for aeroacoustic testing.

It is a 1/4" CCP medium-pressure condenser microphone set with a height of 1 mm.

The microphone set includes a preamplifier with TEDS.

The integrated cable connector is Microdot female. The total cable length is 3 m.



Specifications	48LA	48LX-1
Nominal Sensitivity	0.12 mV/Pa (± 2 dB)	0.6 mV/Pa at 250 Hz
Frequency Range	20 Hz – 20 kHz (± 1 dB) 16 Hz – 31.5 kHz (± 3 dB)	20 Hz – 40 kHz (± 1 dB) 10 Hz – 70 kHz (± 3 dB)
Dynamic Range	64 dB(A) – 184 dB re. 20 μ Pa	54 dB/(A) – 170dB re. 20 μ Pa
Output connector	Microdot 10/32 (male)	Microdot 10/32 (female)
Temperature Range	-20°C to +85°C	-20°C to +85°C
Output Impedance	< 50 Ω	< 50 Ω
Diameter with fairing	29	29
Thickness	1 mm	1 mm
Weight	1 g	1 g
Cable Length	3 m	3 m

