



MV 212

½" microphone preamplifier

for rugged environment

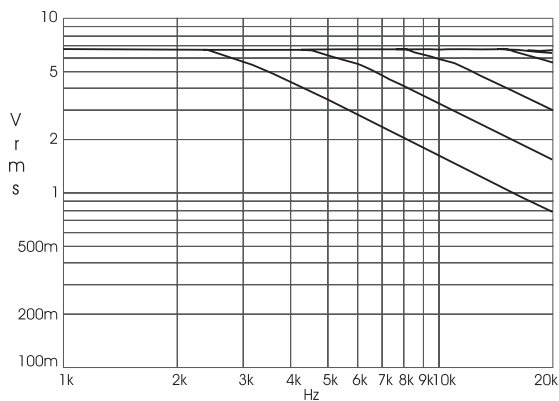
- IEPE (BNC)
- microphone power supply: IEPE
- capsule polarization voltage
200 V
- 1 Hz to 1 MHz
- max. output voltage: 6.5 V
- TEDS acc. IEEE 1451

Delivery	Typ	Order-No.
Microphone preamplifier, stainless steel, in weather protected case	MV 212	311224
Options and Accessories	Typ	Order-No.
Microphone holder ½", turnable	MH 64	302332
Microphone holder ½", with Clip	MH 64.2	302352
Microphone holder ½"	MH 21	302351
Adapter for 1" microphone to ½" preamplifier	A 63.1	302302
Adapter for ¼" microphone to ½" preamplifier	A 67	302305
Angle adapter for ½" microphone to ½" preamplifier	WA 20	302334
Dehumidifier adapter ½"	TA 202 L	302349
Measurement capacitor ½"	K 65	302307
BNC cable, IP 67, 2 m	BNC.02 IP 67	302252
BNC cable, IP 67, 5 m	BNC.05 IP 67	302253
BNC cable, IP 67, 10 m	BNC.1 IP 67	302254
BNC cable, IP 67, 20 m	BNC.2 IP 67	302255

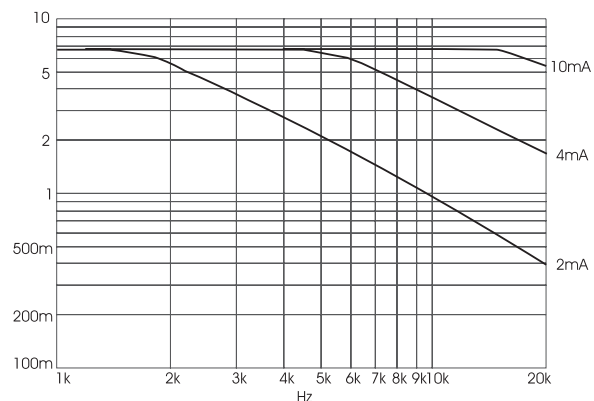
MV 212



Current consumption	2 mA to 10 mA	
Power supply	24 V DC to 30 V DC	
Frequency range, C = 22 pF	±0.1 dB	20 Hz to 100 kHz
	±0.5 dB	1 Hz to 1 MHz
Gain, 1 kHz	C = 1 nF	-0.07 dB
	C = 22 pF	-0.60 dB
Input impedance	10 GΩ; 0.4 pF	
Output impedance	≤100 Ω	
Max. output voltage	24 V IEPE supply	≥6.5 V _{rms}
Inherent noise, C = 20 pF	A-weighted	≤1.4 μV _{rms}
	linear	≤3.8 μV _{rms}
Polarization voltage	200 V	
Temperature range, operation	-40°C to +125°C	
Temperature range, storage	-40°C to +80°C	
Humidity limits	non condensing	r.H. ≤ 100 %
Connector	BNC	
Thread	for microphone	11.7 mm 60 UNS
Diameter	12.7 mm	
Length	85 mm	
Weight	38 g	
Microphone identify memory	IEEE 1451.4	256-Bit 1-Wire™ EEPROM
Indicator	power on	LED



MM 212 I = 3,7 mA; U_s = 24 V
 Maximale Ausgangsspannung für verschiedene Kabellängen
 Maximum output voltage for various cable length



MM 212 100 m Kabel; U_s = 24 V
 Maximale Ausgangsspannung für verschiedene Speiseströme
 Maximum output voltage for various currents