

MF SERIES

// Magnetic field use //

Consisting of two identical grids, this gauge is designed to cancel noise voltage for strain measurement in a magnetic environment. By using a specially configured element pattern, the gauge circuit minimizes electromagnetic effects.

Main Test Materials	Metal Concrete	Materials Backing	Epoxy
Operating Temperature	-20 to +80°C	Materials Element	Ni-Cr alloy foil
Compensation range	—	Strain limit	1% (10000×10 ⁻⁶)
Bonding adhesive	CN,CN-E RP-2	Fatigue life at room temp.	1×10 ⁶ (±1500×10 ⁻⁶)

- **Single element(G.F. 2.1 approx.)**
0.08mm² twisted Vinyl leadwire pre-attached
Total resistance per meter : 0.44(Ω)



MFLA-5-350-1L



MFLA-5-350-1LS

Type	Gauge length (mm)	Gauge width (mm)	Backing length (mm)	Backing width (mm)	Resistance (Ω)	Lead wires per-attached
MFLA-2-350-1L	2	0.5	4.7	1.9	350	2-wire twisted vinyl leadwire of 1m long
MFLA-5-350-1L	5	0.5	7.9	1.9	350	2-wire twisted vinyl leadwire of 1m long
MFLA-2-350-1LS	2	0.5	4.7	1.9	350	Shielded 2-wire twisted vinyl leadwire of 1m long
MFLA-5-350-1LS	5	0.5	7.9	1.9	350	Shielded 2-wire twisted vinyl leadwire of 1m long

For concrete materials



MFLA-60-350-1L



MFLA-60-350-1LS

Type	Gauge length (mm)	Gauge width (mm)	Backing length (mm)	Backing width (mm)	Resistance (Ω)	Lead wires per-attached
MFLA-60-350-1L	60	0.1	64	5	350	2-wire twisted vinyl leadwire of 1m long
MFLA-60-350-1LS	60	0.1	64	5	350	Shielded 2-wire twisted vinyl leadwire of 1m long