



Product Part Number

- MA1YHZ0102

Product Description

- Water Leakage Detection Cable

Product Features

- With ultrathin overall diameter and flexible design
- With high sensitivity and excellent interference resistant
- With Nylon fiber woven sheath and excellent dust prevention
- With automatic recovery function and reuse
- With rapid response of detection

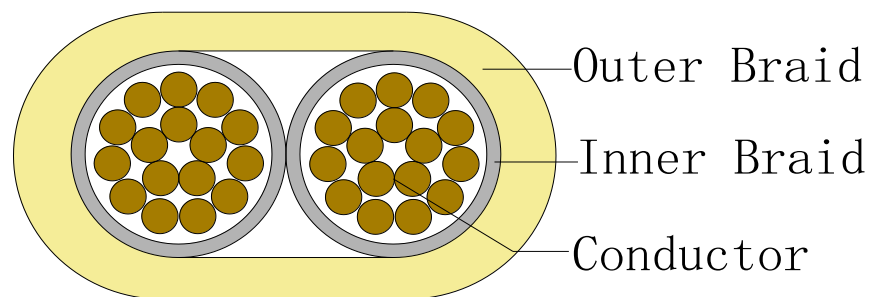
Application

- Data Center and Computer Room
- Liquid Cooled Server
- Energy Storage Systems and Industrial Equipment
- New energy vehicles

Applicable Standard

- Customer's Demands

Sectional Drawing



All Material According RoHS and Reach



Material and Construction

Conductor	Material	Tinned Annealed Stranded Copper
Inner Braid	Material	Nylon Fiber
	Coverage	≥90%
	Inner Diameter	1.20±0.08mm
	Color	Transparent
Outer Braid	Material	Nylon Fiber
	Coverage	≥90%
	Outer Diameter	2.00±0.20×2.80±0.20mm
	Color	Yellow (Pantone 468U)
Marking	No Marking	

Usage & Environmental Condition

Temperature range	Storage & shipping	-10°C to 40°C (Humidity:0 ~95%RH)
	Installation	-10°C to 40°C (Humidity:0 ~95%RH)
	Operation	-40°C to 70°C (Humidity:0 ~95%RH)
Minimum Bending Radius		≥4mm
Maximum Bending times		≤ 1000
Maximum pulling tension		≤ 98 N



Physical & Electrical Characteristics (at 20°C)

Insulation Resistance(@24.3~25.4°C, 47~51% RH)	≥100MΩ
Voltage-Withstand Test	DC 1000V for 1min
Bending Test	≥2000times(50g, ±90°, 80times/min)
Abrasion-Resistant Test	≥1500times (450g, 30times/min)
Torsion Test	≥500times(±360°×4 turns)
Flame Test	Pass UL94 V-0
High Temperature Limit Test	No Cracking, No false alarms
High Temperature and Humidity Test	No Cracking, No false alarms
Salt Spray Test	No Cracking, No false alarms
Alarm Sensitivity and Recovery Test	Minimum alarm volume≤0.1ml, Alarm within 2 seconds
Equivalent Resistance Test	No Cracking, No false alarms
High and Low Temperature Impact Test	No Cracking, No false alarms
Repeated Alarm Test	Minimum alarm volume≤0.1ml, Alarm within 2 seconds
Environmental False Alarm Test	No Cracking, No false alarms
High and Low Temperature Limit Test (Braid Material)	No Cracking