

MTR-AMI-ICU Series

■ Inductive Coupler for AMI

Inductive Coupling device that ensures effective operation of the Advanced Metering Infrastructure(AMI) system by utilizing power line communication. There are two types of Non-contact type coupler for AMI.

Coupler for lead-in wire

Device that resolves communication defect by reinforcing against signal decrease due to diverse noises and branches at the Automatic Meter Reading field

Coupler for neutral line

Device that enables communication between Master DCU and Slave DCU by using neutral line



Coupler for lead-in wire (MTR-AMI-H17)

■ Advantage

- Small and superb communication
- Applicable to diverse power line specs
- Easy installation and superb safety
- Optimized for the KEPSCO's Automatic Meter Reading system specs
- Coupler for neutral line can be used outdoors



Coupler for neutral line (MTR-AMI-H14)

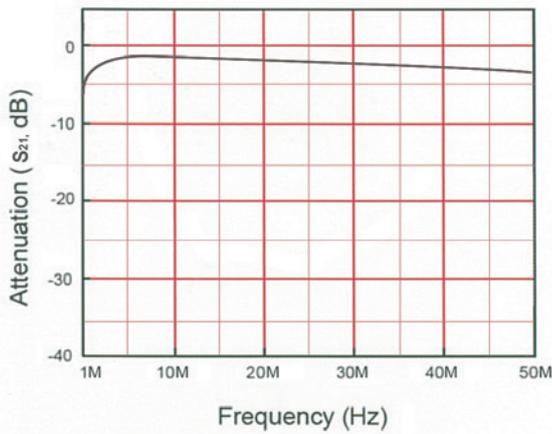
■ Specification

Product Name	Coupler for neutral line	Coupler for lead-in wire
Model	MTR-AMI-H14	MTR-AMI-H17
Dimension (mm)	14×60×90	17×40×50
Weight (g)	240	210
Attenuation (dB)	- 6 ± 2	- 6 ± 2
Frequency (MHz)	2 ~ 30	2 ~ 30
Max. Current (A)	50	50
Operation Temp (°C)	- 40 ~ + 80	- 40 ~ + 80
Note	For outdoor	Use only on insulated cable

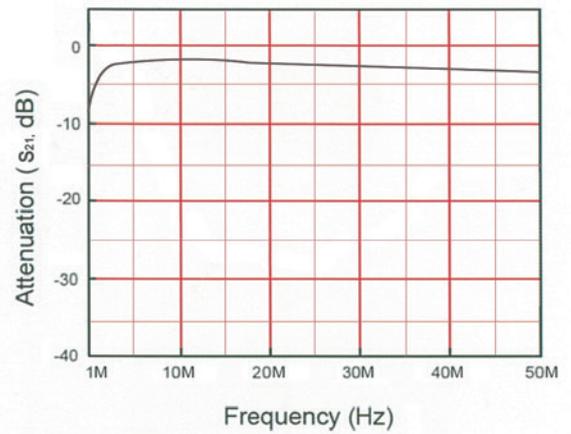
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Property

Coupler for neutral line(MTR-AMI-H14)

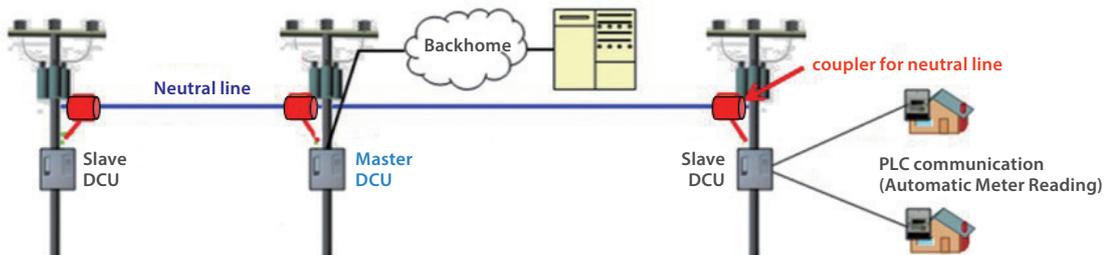


Coupler for lead-in wire(MTR-AMI-H17)



Application

Coupler for neutral line



Coupler for lead-in wire

