

KETH Series

The KETH Series are shielded twisted pair cables designed for use in EtherNet/IP, PROFINET, FL-Net, and other industrial Ethernet connection and PLC-to-PLC, PLC-to-host computer and other Ethernet connection. The KETH Series are designed using oil resistant PVC for their sheaths, allowing them to be used for cable wiring under environment where oil splashing may occur. The KETH Series cables are designed to be attached to various types of connectors. KURAMO offers services necessary for such attachment.

General-Purpose Double Shield Type

KETH-SB

- KETH-SB is cable designed with double shield (AL-PET tape + braid), making it highly noise resistant.
- KETH-SB is of 24AWG solid conductor type, allowing it to be used as a general-purpose cable meeting the enhanced category 5 requirements.



Stranded Type for Patch Cord

KETH-P



- KETH-P is of 26AWG stranded conductor type, being characterized by its flexibility.
- KETH-P is designed with AL-PET tape shield.
- KETH-P is a cable meeting the enhanced category 5 requirements. (Except for insertion loss.)



Movable Type

KETH-Z



- KETH-Z is of 26AWG fine stranded conductor type, being characterized by its bending resistance.
- KETH-Z is designed with braided shield.
- KETH-Z is a cable meeting the category 5 requirements. (Except for insertion loss.)



Specifications

Item	Code		
Code	KETH-SB	KETH-P	KETH-Z
Size/No. of cores	24AWG×4P	26AWG×4P	26AWG×4P
Shield structure	AL-PET tape + Braided shield	AL-PET tape shield	Braided shield
Sheath material	Oil resistant PVC	Oil resistant PVC	Oil resistant PVC
Outside diameter	6.4mm	6.0mm	6.2mm
Category	Cat5e	Cat5e	Cat5
Application	Fixed wiring	Fixed wiring	Movable wiring
Transmittable distance (20℃)	100m	65m	45m
Applicable Standard	—	UL AWM STYLE 20276 CAN/CSA-C22-2 No.210.2	UL AWM STYLE 20276 CAN/CSA-C22-2 No.210.2