

# KND-SB Series



The KND-SB Series are FA network cables designed to comply with the ODVA proposed FA Open Network, DeviceNet specifications. The KND-SB Series cables are of signal/power pair combined type, providing labor savings in cable connection work.

## Features

- Electrical characteristics and construction to comply with the DeviceNet specifications
- Double shield, oil resistance, heat resistance (75°C), flame resistance (certified by "Vertical Tray Flame Test", FT-4), UL/CSA certification (UL13 CL2/PLTC, CSA AWM)

※The use of the cable at high ambient temperature may cause its transmittable distance to be shortened.

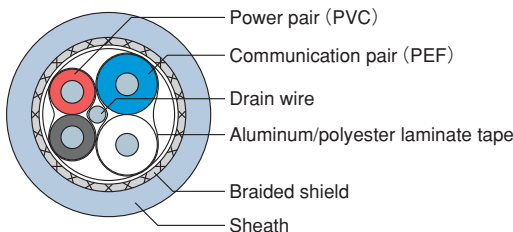
## Certification



## Specifications

Code	KND-SB (THICK)		KND-SB (THIN)	
	Communication pair	Power pair	Communication pair	Power pair
Pair	Communication pair	Power pair	Communication pair	Power pair
Conductor size	18AWG	15AWG	24AWG	22AWG
Insulator	PEF	PVC	PEF	PVC
Insulator color	Blue/White	Red/Black	Blue/White	Red/Black
Shield	Aluminum/polyester laminate tape + Tin-plated soft annealed copper braid			
Sheath	Oil resistant/heat resistant/flame resistant PVC (light gray)			
Outside diameter	Approx. 12mm		Approx. 7mm	
Approx. weight (kg/km)	195		65	
Characteristic impedance (1MHz)	120 Ω	—	120 Ω	—
Applicable standard	DeviceNet Spec./UL13 (PLTC)/CSA AWM		DeviceNet Spec./UL13 (CL2)/CSA AWM	

## Cable Construction



## Printed Marking

■ KND-SB (THICK)  
 KND-SB (THICK) *DeviceNet*.KURAMO E200151 (UL) PLTC 1PR15AWG 1PR18AWG SHIELDED 75C CSA AWM I / II A/B 80C 300V FT4 LF

■ KND-SB (THIN)  
 KND-SB (THIN) *DeviceNet*.KURAMO E200151 (UL) CL2 1PR22AWG 1PR24AWG SHIELDED 75C CSA AWM I / II A/B 80C 300V FT4 LF

KND-SB Series

- <PS>E
- UL AWM
- NFPA70 NFPA79
- cUL/CSA
- CE
- CCC
- GOST-R