

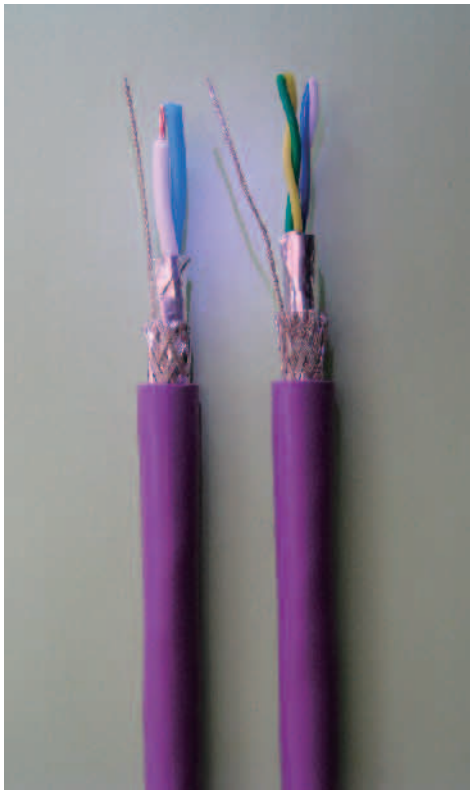
# CANC Series

CAN (Controller Area Network), an ISO 11898 standard for open field network systems used in factory automation, has been widely adopted for the hierarchical levels of factory automation networks, such as CANopen in control networks and CAN-BUS in field and field-end networks. The CANC Series from Nihon Electric Wire & Cable is a specialized cable developed for CAN network communications.

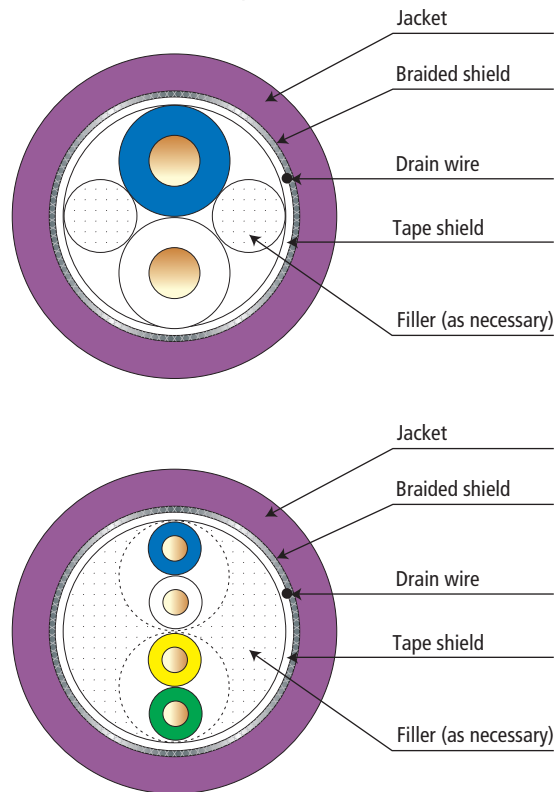
## ■ Features

- Lineup for fixed use as well as moveable use, for cableveyors and other equipment.
- Superior noise resistance is achieved by adopting double shields for fixed cables and high coverage braided shields for movable cables.
- Jacket uses a lead-free, oil and heat resistant vinyl compound, with excellent flexibility. Standard jacket color is purple (RAL4001).

## ■ Cross Section



Fixed cables (example)



## ■ Specifications

Use	Fixed use					Movable use	
	CANC-22		CANC-50		CANC-75	CANC-50SF	
Model No.	CANC-22		CANC-50		CANC-75	CANC-50SF	
Conductor size	0.22 mm <sup>2</sup>		0.5 mm <sup>2</sup>		0.75 mm <sup>2</sup>	0.5 mm <sup>2</sup>	
Number of pairs	1 p	2 p	1 p	2 p	1 p	1 p	
Cable outer diameter (approx.) (mm)	6.0	8.5	8.0	11	9.0	8.0	
Approximate volume (kg/km)	45	75	70	125	85	70	
Characteristic impedance	120Ω±10% (at 1 MHz)						
Maximum tensile load (kg)	3.0	6.0	7.9	15.8	10.5	7.0	
Minimum bending radius	Installation	60 mm	85 mm	80 mm	110 mm	90 mm	80 mm
	Operating	24 mm	34 mm	32 mm	44 mm	36 mm	32 mm

- Minimum operating bending radius for the CANC-50SF for movable use is 80 mm.