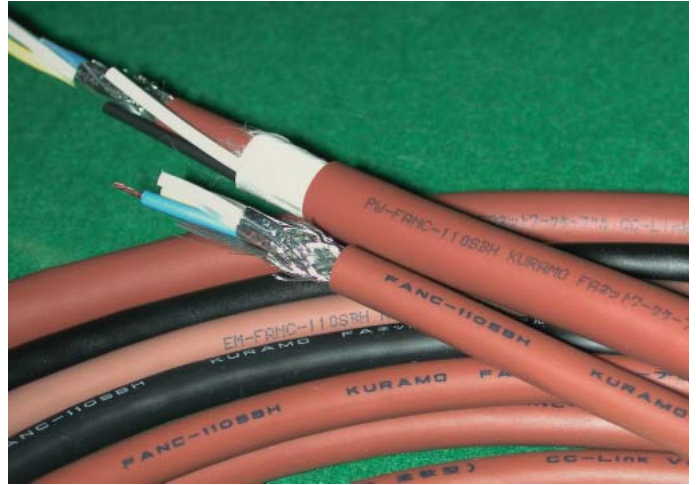


# FANC Series

CC-Link Ver.1.10 Compliant ···FANC-110SBH Series  
 CC-Link Ver.1.00 Compliant ·····FANC-SB Series  
 CC-Link/LT Compliant··········FANC-LT Series

CC-Link CC-Link/LT



## ■ CC-Link Ver.1.10 Compliant

### FANC-110SBH Series

The FANC-110SBH Series are FA network cables designed to comply with CC-Link Ver.1.10. The FANC-110SBH Series, when used to network CC-Link Ver.1.10 compliant equipment, allows the formation of a network subject to less restriction in cable connection than the FANC-SB Series (CC-Link Ver.1.00 compliant). FANC-110SBH as standard of this series and its power pair built-in composite type, PW110BH, are certified to comply with the UL/cUL AWM requirements.

## Certification

UL (Applicable to FANC-110SBH, PW110SBH)

## Specifications

	Code					
	FANC-110SBH	EM110SBH	WR-FANC-110SBH	LT-FANC-110SBH	FANC-110SBZ-5	PW110SBH
Size	20AWG×3				0.5mm <sup>2</sup> ×3	20AWG×3 (for communication) 0.75mm <sup>2</sup> ×2 (for power supply)
Insulator material	PEF				PE	PEF Heat resistant PVC
Insulator color	Blue/White/Yellow				Blue/White/Yellow	Blue/White/Yellow Black/White
Shield	Aluminum/polyester laminate tape + Tin-plated soft annealed copper braid				Tin-plated soft annealed copper braid	Aluminum/polyester laminate tape + Tin-plated soft annealed copper braid —
Sheath material	Oil resistant/heat resistant PVC	FRPE	PE	Cold resistant PVC	Oil resistant/heat resistant PVC	Oil resistant/heat resistant PVC
Sheath color	Brown	Brown	Black	Black	Dark brown	Brown
Outside diameter	Approx. 7.6mm	Approx. 7.6mm	Approx. 8.1mm	Approx. 7.6mm	Approx. 8.0mm	Approx. 12mm
Approx. weight (kg/km)	70	70	70	70	70	145
Conductor resistance (20°C)	34.5 Ω/km				43.4 Ω/km	34.5 Ω/km 25.1 Ω/km
Characteristic impedance (5MHz)	110 Ω				110 Ω	110 Ω —
Attenuation (5MHz, 20°C)	3.5dB/100m				6.1dB/100m	3.5dB/100m —
Application	Fixed wiring	Fixed wiring (Zero halogen)	Outdoor, Ductline	Low-temperature fixed wiring	Movable wiring	Power pair built-in composite type
Applicable Standard	UL AWM Style 2464 CAN/CSA-C22.2 No.210.2(cUL)	—	—	—	—	UL AWM Style 2464 CAN/CSA-C22.2 No.210.2(cUL)

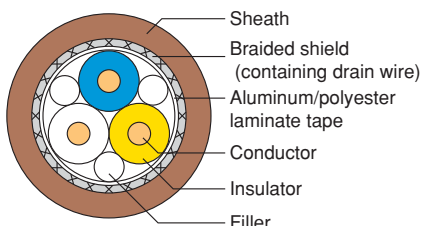
## Features

- Double shield, 10Mbps transmission, RS-485 compliance
- Availability in a large variety of types to meet various application requirements
  - FANC-110SBH ·····Standard type (oil resistant/heat resistant (75°C), UL/cUL AWM compliant)
  - EM110SBH ·····Zero halogen type (designed using flame retardant polyethylene sheath)
  - WR-FANC-110SBH ···Outdoor or ductline wiring type (designed using polyethylene sheath)
  - LT-FANC-110SBH ···Cold resistant type
  - PW110SBH ·····Power pair built-in composite type (oil resistant/heat resistant (75°C), UL/cUL AWM compliant)
  - FANC-110SBZ-5 ·····Movable type (oil resistant/heat resistant (75°C))
- The movable type FANC-110SBZ-5 cable is designed so that its transmittable distance is 50% that of its standard counterpart.

※The use of the cable at high ambient temperature may cause its transmittable distance to be shortened.  
 ※The PW110SBH's power pair (0.75mm<sup>2</sup>) is required to be used at a voltage less than 100V in such applications as DC24V power supply for remote I/O.

## Cable Construction

### ■ FANC-110SBH, EM110SBH WR-, LT-FANC-110SBH



### ■ Power pair built-in composite type PW110SBH

