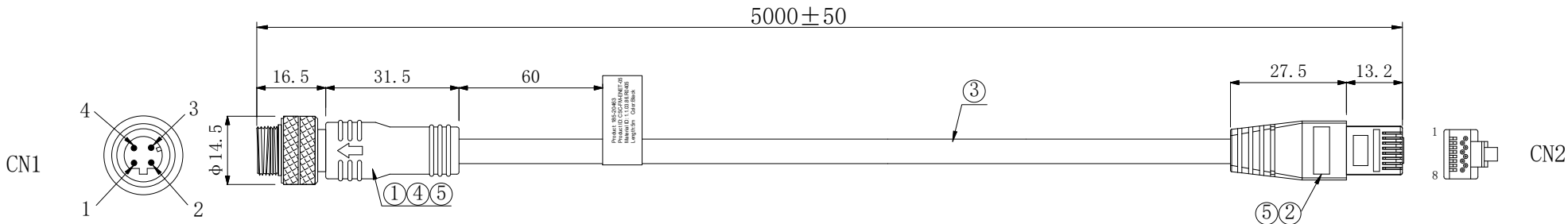


REVISIONS					
REV	ZONE	MARK	DESCRIPTION	DATE	CHANGED
A01	N/A	N/A	First Release	2026. 03. 06	Baoping W.



Wire Sequence Description					
CN1	Function	AWG	Color	CN2	
1	ETHTX+	24AWG	Org/Wht	1	
3	ETHTX-	24AWG	Orange	2	
2	ETHRX+	24AWG	Grn/Wht	3	
4	ETHRX-	24AWG	Green	6	
Shell	Shield	Braid	N/A	Shell	

Wire Structure Description

Conductor	Spec.	24AWG
	Material	BC
	External Diameter	7/0.20±0.008mm
Insulation	Material	HD-PE
	Thickness	Avg:0.245mm
	External Diameter	1.1±0.05mm
Filling	Color	Yellow*Orange, White*Blue
	Cotton Thread	Cotton Thread Filling
GND Wire	Mylar	Shield Rate≥100%
	Aluminum Foil	Shield Rate≥100%
Braid	Material	AL-MG
	Spec.	112/0.12±0.008mm
	Shield Rate	≥80%
Sheath	Material	TPE
	Thickness	Avg:0.55mm
	External Diameter	6.2±0.2mm
	Color	Black

32	
Length: 5m Color: Black	
Material ID: 1:103.86.R0405	
Product ID: CSC-FM-ENET-05	
Product: 185-20463	
Material ID: 1:103.86.R0405	
Length: 5m Color: Black	

- Technical Requirements**
- The surface of the product must not be contaminated to avoid oxidation.
 - Function and Reliability Requirements**
 - This product must undergo open-circuit, short-circuit and misalignment tests.
The electrical testing conditions are as follows:
Voltage:DC 300V, Insulation Resistance:≥20MΩ, Conduction Resistance:≤20Ω ;
 - It meets the standards of the ISO/IEC 11801:2017 and ANSI/TIA-568.2-D and passes the channel tests.
 - Characteristic Impedance 1~100MHz: 100±10Ω
 - Rated Voltage: 30V, Rated Temperature: 75°C (167°F)
 - Environmental Protection and Safety Regulation Requirements:**
All the materials and components of the cable must comply with the latest requirements of the RoHS.

⑤	Outer Module: PUR Black Shore 70A	/	g
④	Inner Module: HDPE	/	g
③	UL2835 CAT5E SF/UTP 24AWG 2P+F+MY+AL+D+B TPE OD:6.0 Black High Temperature Resistance 105°C (221°F)	5	M
②	RJ45 8P8C with Shielding Function Male Connector	1	PCS
①	M12-4 Cores D CODE Male Connector	1	PCS
NO.	DESCRIPTION	Q' TY	UNIT
. X	±0.2		
. XX	±0.01		
. XXX	±0.001		
ANG		±0.5	
CHKD:		DATE: 26.03.06	UNIT'S: mm
STAD: N/A		DATE:	FINISH:
APPD:		DATE: N/A	MASS (Kg):
PRODUCT:		SCALE:	REV
			PART NO.:
		A01	
			SHEET: 1 OF 1