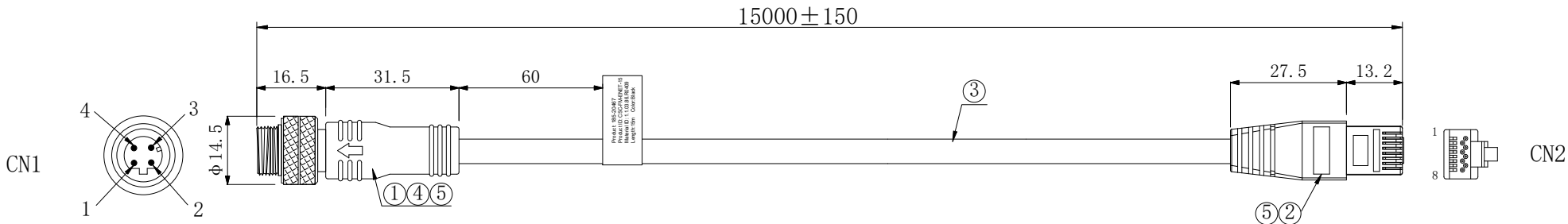


REVISIONS					
REV	ZONE	MARK	DESCRIPTION	DATE	CHANGED
A01	N/A	N/A	First Release	2026. 03. 06	Baoping W.



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
	Color	Yellow*Orange, White*Blue
Filling	Cotton Thread	Cotton Thread Filling
	Mylar	Shield Rate≥100%
GND Wire	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

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Length:15m Color:Black	
Material ID: 1.103.86.R0409	
Product ID: CSC-FM-ENET-15	
Product: 185-20467	
Material ID: 1.103.86.R0409	
Length:15m Color:Black	
Product: 185-20467	
Material ID: CSC-FM-ENET-15	
Material ID: 1.103.86.R0409	
Length:15m Color:Black	

Technical Requirements

1. The surface of the product must not be contaminated to avoid oxidation.

2. Function and Reliability Requirements

2.1 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:≤2Ω ;

2.2 It meets the standards of the ISO/IEC 11801:2017 and ANSI/TIA-568.2-D and passes the channel tests.

2.3 Characteristic Impedance 1~100MHz: 100±10Ω

2.4 Rated Voltage: 30V, Rated Temperature: 75°C (167°F)

3. 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)	15	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
DRAW: Baoping W.		DATE: 26. 03. 06	TITLE: CSC-FM-ENET-15
CHKD:		DATE:	UNIT'S: mm
STAD: N/A		DATE: N/A	FINISH:
APPD:		DATE:	MASS (Kg):
PRODUCT:		SCALE:	REV
			PART NO. :
			A01
			SHEET: 1 OF 1