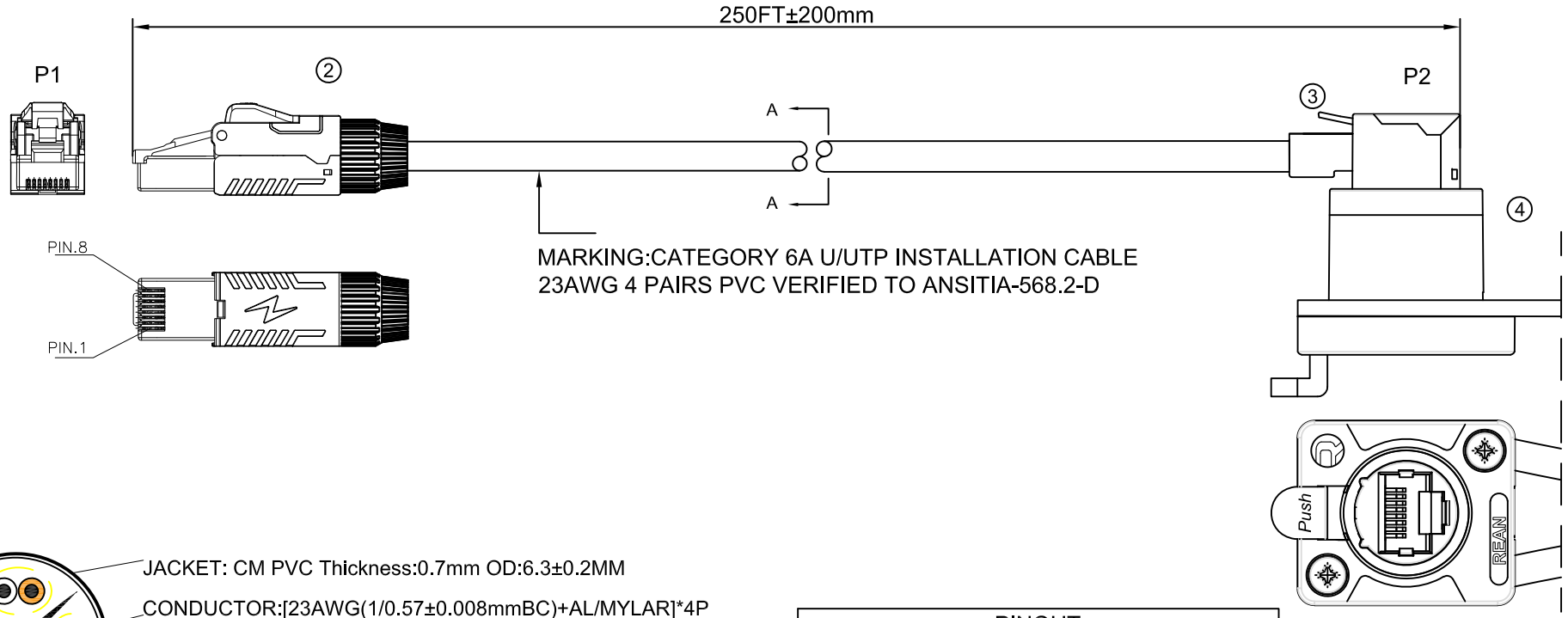
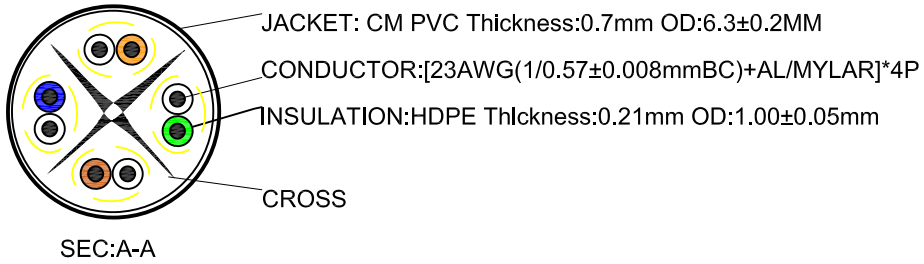
NOTE: ALL MATERIAL COMPLIANT ROHS STANDARD

REVISION INFORMATION			
Rec.	Rec. Date	Modified By	Brief Description





orange 1 white/orange	green 2 white/orange
blue 3 white/blue	brown 4 white/brown

PINOUT		
P1	WIRE	P2
1	WHITE/ORANGE	1
2	ORANGE	2
3	WHITE/GREEN	3
6	GREEN	6
5	WHITE/BLUE	5
4	BLUE	4
7	WHITE/BROWN	7
8	BROWN	8

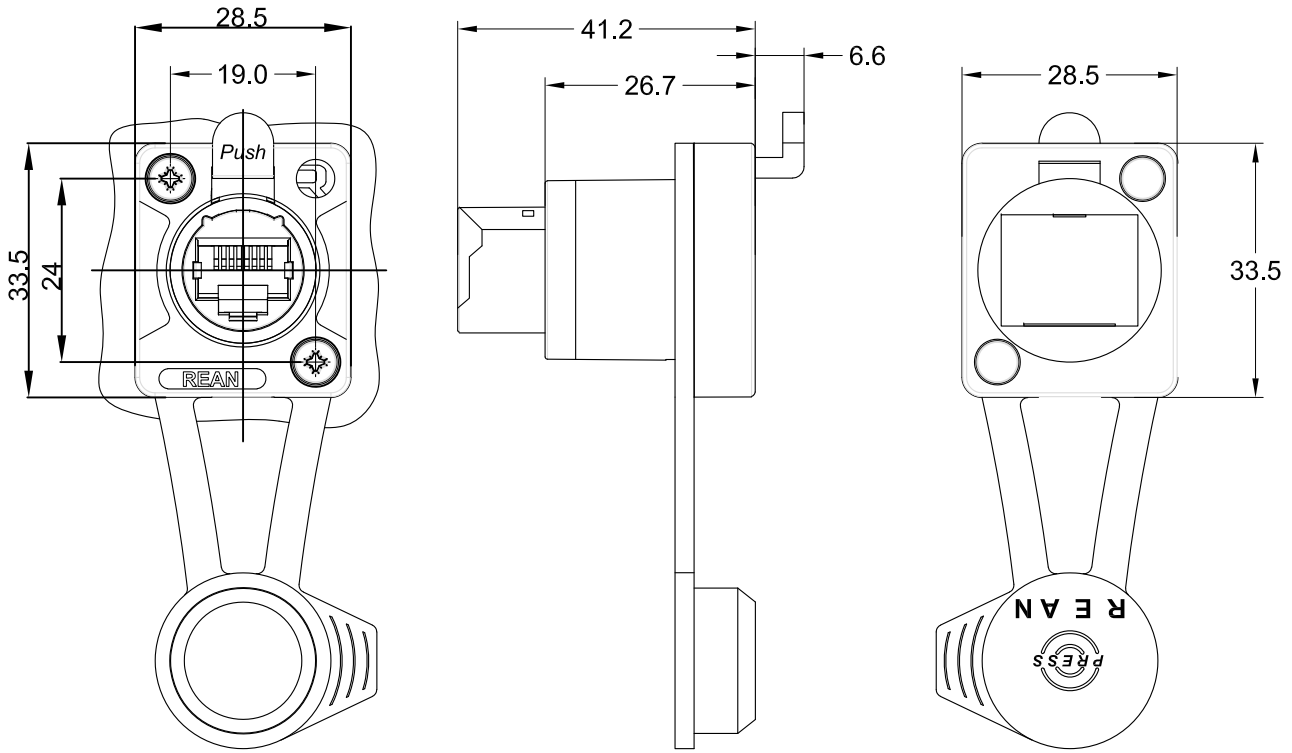
NO.	PART NAME	SPECIFICATION DESCRIPTION	QT'Y	UNIT
4	RJ45 FEMALE	RIGHT ANGLE REAN RJ45 STRAIGHT THROUGH SOCKET BLACK		
3	RJ45 PLUG	8P8C 50U" GOLD PLATED TWO-PIECE PLUG.		
2	RJ45 PLUG	8P8C 50U" GOLD PLATED TOOL-FREE PLUG.		
1	CABLE	CAT6A U/UTP 4P/23AWG(1/0.57±0.008MM BC) OD=6.3±0.20mm		

BESTLINK NETWARE

DRAWN BY FW	DATE: 2026/07/30	DESCRIPTION: 250Ft CAT6A UTP Indoor/Outdoor Retractable Ethernet Network Cable Mobile Extension Reel with REAN RJ45 Receptacle 23AWG	
CHECKED BY ACE	SHEET 1 of 5	ITEM NO. 100868R	
APPROVED BY	SCALE 1:1	REC. 00	UNIT: mm

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Product
Product Type: RJ45 Socket
Gender: Female

Electrical
Contact resistance: < 100 mΩ
Dielectric strength: 1 kVdc
Frequency range: 1 - 100 MHz
Insulation resistance: > 0.5 GΩ
Single contact current rating: 1.5 A
Rated voltage: < 50 V
Complies with standards TIA/EIA 586B, IEC11801

Mechanical parameters
Insertion pressure: ≤ 60 N
Pull out pressure: ≤ 60 N
Service life: Based on the number of connections > 1000 times
Panel thickness: 9.5mm
Wiring: Straight-through
Locking device: Latch-lock
Base shape: D

Material
Contact plating: Gold plating
Contact: Bronze
Core: PA66
Housing: Zinc
Housing plating:Black plating

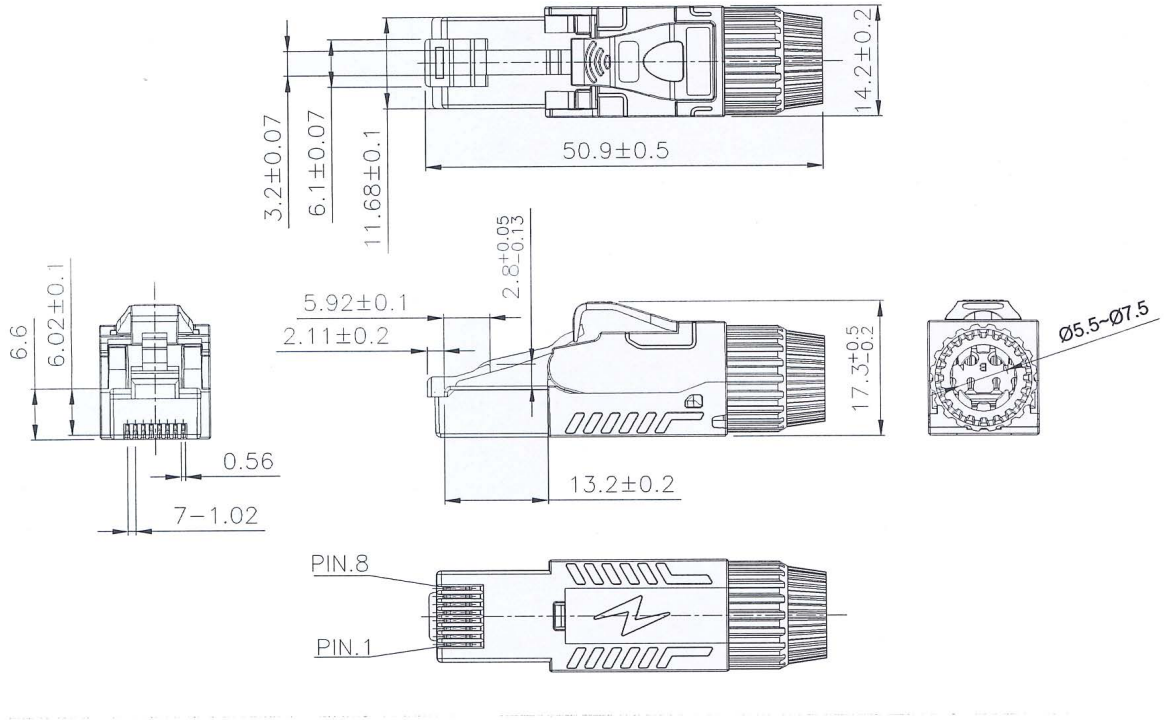
Environmental friendly
Flammability: UL 94 V-0
Compliance with standards:TIA/EIA 586B, IEC11801
Degree of protection:IP65 and hermetically tight
Temperature range: -30 °C to +80 °C

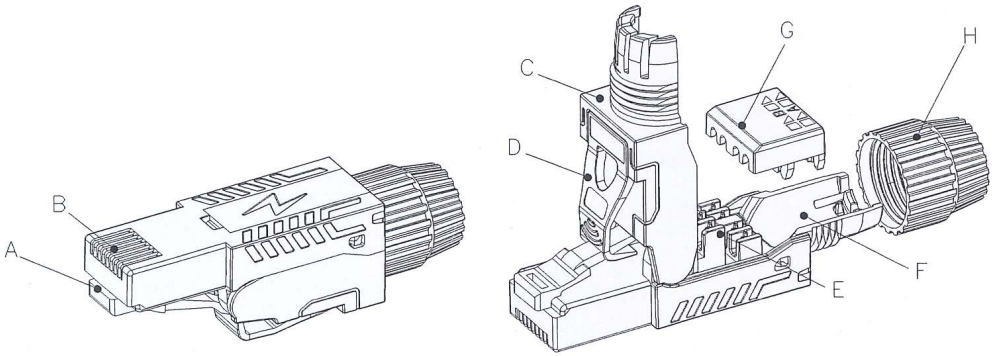
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DRAWN BY FW	DATE: 2026/07/30	DESCRIPTION: 250Ft CAT6A UTP Indoor/Outdoor Retractable Ethernet Network Cable Mobile Extension Reel with REAN RJ45 Receptacle 23AWG
CHECKED BY ACE	SHEET 2 of 5	ITEM NO. 100868R
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Specification :
Material
A.RJ45 Plug :
1-1.Housing :PC,UL 94-V2,Transparent.
B.RJ45 Plug contact :
2-1.Material:Phosphor bronze with nickel plated.
2-2.Finish :1 micro-inch gold plated on plug contact area.
C.Cap A:PC,UL 94-V2,Transparent.
D.Cap B:PC,UL 94-V2,black color.
E.IDC:
4-1.Housing:PC,UL 94-V2,Transarent.
4-2.Terminal:Phosphor bronze with tin plated.
F.IDC B:PC,UL 94-V2,Transparent.
G.Cap For Toolfree :PC,UL 94-V2,white block(RAL9003).
H.Nut: PC,UL 94-V2, white color(RAL9003).
I: PCB FR4,UL 94-V0.

Performance:
1.T568A &T568B wiring.
2.Insertion force:20N max.(IEC 60603-7-7)
3.Retention strength :7.7kg between Jack and Plug.
4.Operating temperature :-10˚C to 60˚C.
(ISO/IEC 11801,ANSI/TIA 568.2-D)
5.Life time:
e-1.Jack:750 cycles min.(ISO/IEC 11801,IEC 60603-7-7)
e-2.IDC:Suitable for 23-26AWG stranded and solid wire.
min 20-installation cycles
6. The Cat 6a unshielded transmission performance is in compliance with the TIA 568 C.2 standard.

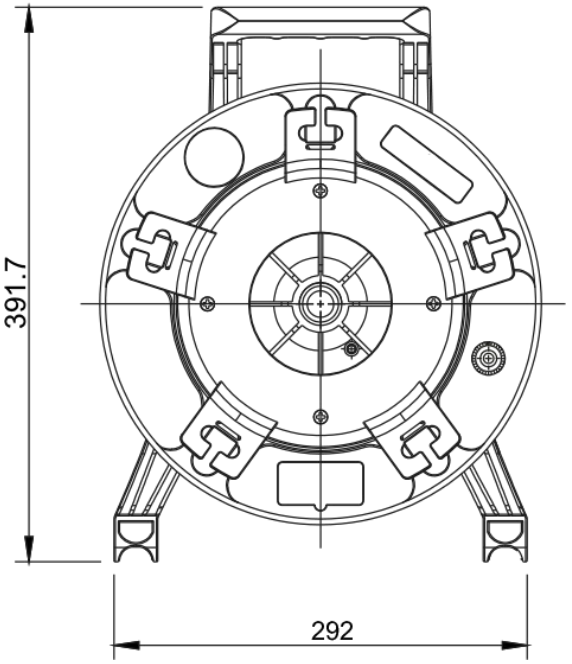
BESTLINK NETWARE

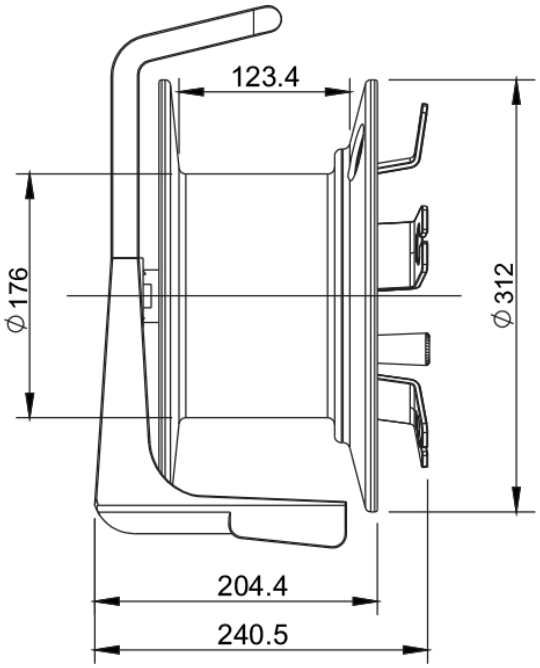
DRAWN BY FW	DATE: 2026/07/30	DESCRIPTION: 250Ft CAT6A UTP Indoor/Outdoor Retractable Ethernet Network Cable Mobile Extension Reel with REAN RJ45 Receptacle 23AWG
CHECKED BY ACE	SHEET 3 of 5	ITEM NO. 100868R
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DRAWN BY FW	DATE: 2026/07/30	DESCRIPTION: 250Ft CAT6A UTP Indoor/Outdoor Retractable Ethernet Network Cable Mobile Extension Reel with REAN RJ45 Receptacle 23AWG
CHECKED BY ACE	SHEET 4 of 5	ITEM NO. 100868R
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