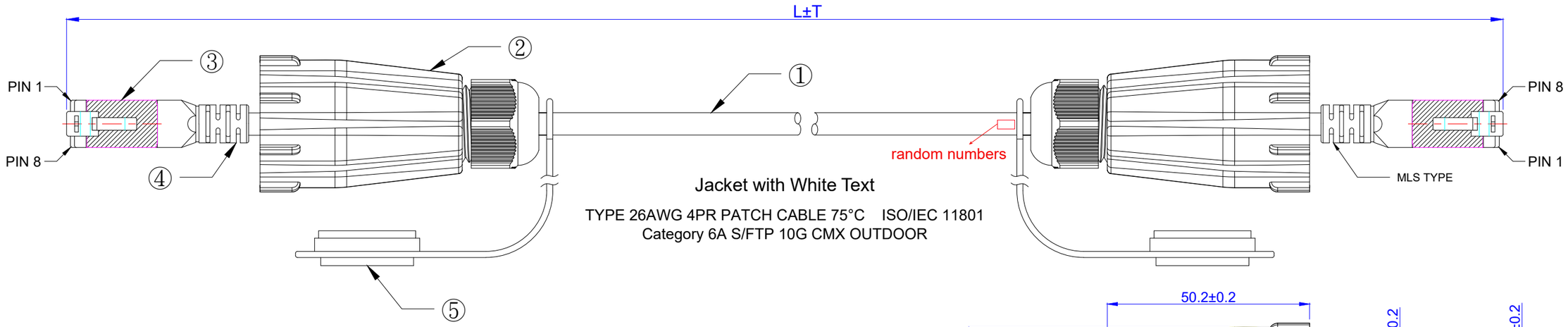
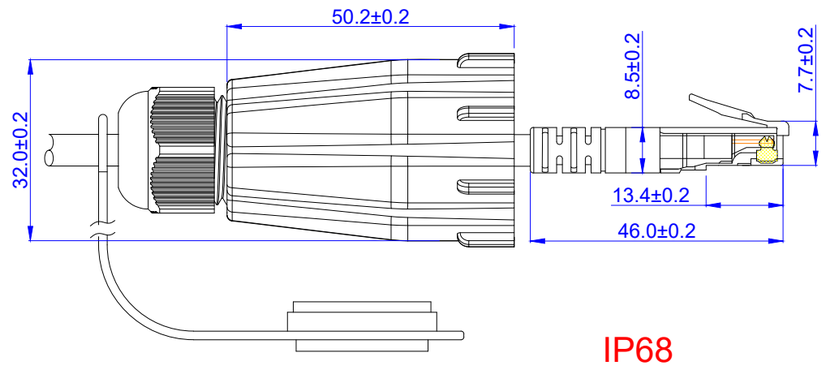
PRODUCTION



Jacket with White Text

TYPE 26AWG 4PR PATCH CABLE 75°C ISO/IEC 11801
Category 6A S/FTP 10G CMX OUTDOOR



SPECIFICATION :
1. The material of cords is a kind of multicore cords and they meet the requirements stipluated in TIA/EIA-568.2-D about CAT6A of patch cords.
2. Support 500 MHz broadband
3. Max. Conductor DC Resistance (Ω /KM) #26:149
4. Min.Insulation Resistance (Ω-M) PE:100M
5. Dielectric Strength AC-500V/1 Min

Electric Requirements (Cable length: 100M)
1. Characteristic Impedance(Zo) : 85～115Ω (1～500 MHz)
2. DC. Resistance Capacitance Unbalance : 5%
3. Pair-to-Ground Capacitance Unbalance : 330 pF/100M Max
4. Conductor Resistance : 14.0Ω/ 100M 20℃ Max
5. Mutual Capacitance : 5600 pF/100M Max
6. Dielectric Strength : 1.5KV AC/2secs
7. Nominal Velocity of Propagation (NVP) : 76 %

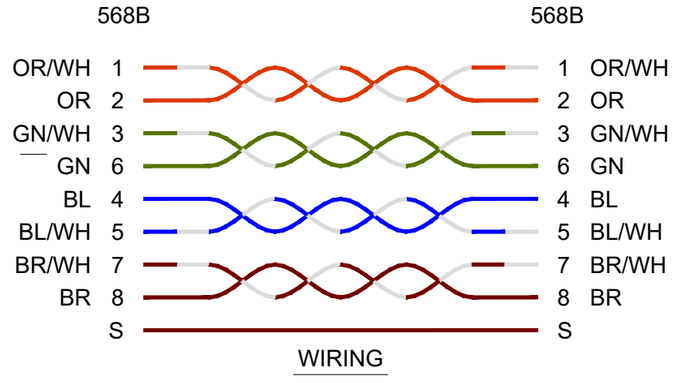
Temperature Range
1. Installation Temperature : -10 ~ 50℃
2. Storage Temperature : -30 ~ 75℃

Length Tolerance:
I. “L” indicate Length 0~0.5M (0.5M not included), tolerance +30/-30mm
II. “L” indicate Length 0.51M~7.5M (7.5M included), tolerance +50/-50mm
III. “L” indicate Length above 7.5M , tolerance +100mm/-100mm

Cat 6A

PART NO.	LATCH (L)
412S8C0.5MW022251	0.5M
412S8C1.0MW022251	1.0M
412S8C2.0MW022251	2.0M
412S8C3.0MW022251	3.0M
412S8C5.0MW022251	5.0M
412S8C7.5MW022251	7.5M
412S8C10MW022251	10M
412S8C15MW022251	15M

IP68
ACCORDING TO IEC 60529
Degrees of Protection Provided by Enclosures
6: Dust-tight
8: Protected from immersion in water for 60 minutes at a depth of 1.5 meter.



WIRING

MATERIAL		
①	CABLE	C6A S/FTP 26AWG 4P STRANDED PVC CMX OUTDOOR ；COLOR : BLACK
②	MAIN BODY(HOOD)	PC UL94V-0 BLACK, BLACK GASKET : RUBBER
③	PLUG	STP RJ45 8P8C 50U"
④	SR	MLS TYPE 60P PVC, BLACK
⑤	DUSTPROOF CAP	PVC, BLACK

Scale	X:X					All Copy Rights Reserved
3rd Angle Projection						DAN-CHIEF TECHNOLOGY CO., LTD.
Unit	mm					Title
Date	2026/7/3					412S8CXXMW022251
Tolerance						
~20	~50	~150	150~	ANGLE	Drawn by	Checked by
±0.2	±0.4	±0.5	±1.5	±2°	Justin	2026.07.06 15:15:38 +08'00'