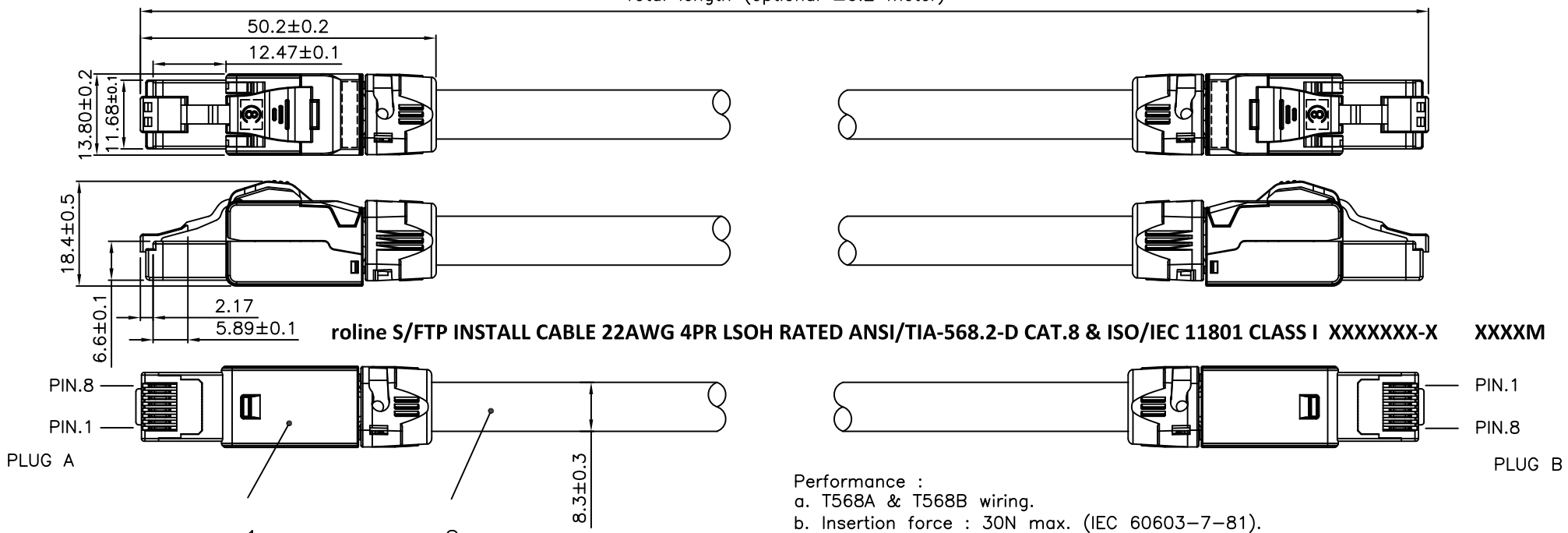

Specification :

Material :

1. RJ45 Plug
   - 1–1. Extractor : PC, UL 94V–2, black color.
   - 1–2. Housing : Zinc die–Casting with nickel plated.
   - 1–3. Plug Housing : PC, UL 94V–2, transparent yellow color.
   - 1–4. Contact material : Phosphor bronze with 100 micro–inch nickel plated.
   - 1–5. Contact finish : Min. 50 micro–inch gold plated on surface contact area.
   - 1–6. Cover : Zinc die–casting with nickel plated.
   - 1–7. Wire management bar : PC, UL 94–V2, white color.
   - 1–8. IDC :
     - 1–8–1. Housing : PC, UL 94–V2, white color.
     - 1–8–2. Terminal : Copper with tin plated.
   - 1–9. Grounding contact : Copper with nickel plated.
   - 1–10. Boot : Zinc die–casting with nickel plated.
     - 1–10–1. Housing : Zinc die–casting with nickel plated.
     - 1–10–2. Spring : SWPB.
     - 1–10–3. Cap : PC, UL 94–V2, black color.
   - 1–11. PCB, UL 94–V0.
2. Cable :
   - 2–1. C8 S/FTP 4 twisted pair.
   - 2–2. Jacket : LSOH material.
   - 2–3. Conductor : 22 AWG solid copper.
   - 2–4. Shield : Aluminum foil on each pair, tined copper clad with steel braid.

Performance :

a. T568A & T568B wiring.
b. Insertion force : 30N max. (IEC 60603–7–81).
c. Retention strength : 7.7 kg between jack and plug.
d. Operating temperature : –10°C to 60°C. (ISO/IEC TR 11801–9901 Class I, ANSI/TIA 568–C.2–1).
e. Life(mating cycles) :
   - e–1. 750 cycles min. (ISO/IEC 11801, IEC 60603–7–81).
   - e–2. IDC : Suitable for 22–24AWG stranded and solid wire, min. 20 installation cycles.
f. Minimum Bending Radius : 50mm

Item No	Length	Tolerance
21.15.1851	1M	±0.2M
21.15.1852	2M	±0.2M
21.15.1853	3M	±0.2M

Item No	21.15.1851	21.15.1852	21.15.1853
Desc	ROLINE Cat.8 S/FTP Solid Patch Cord,LSOH,yellow		

GENERAL TOLERANCE OF DIMENSIONS
X.XXX ±0.005
X.XX ±0.05
X.X ±0.1

DRAWING	11.JAN.2019	Yli
CHECK	11.JAN.2019	Jane
APPROVAL	11.JAN.2019	FRANK
	DATE	NAME

SCALE 1/1 (A4) UNIT mm

DRAWING NO. FPB S/FTP 22AWG Patch Cord LSOH(S02)

DRAWING CLASSIFICATION S SHEET 1 OF 1

02

SECOMP

0 10cm