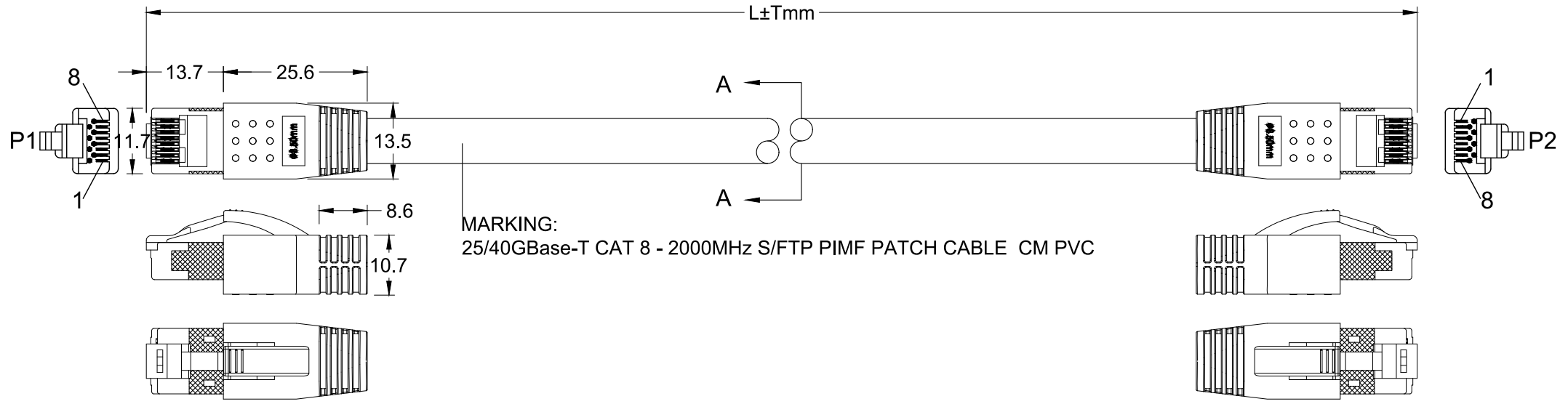
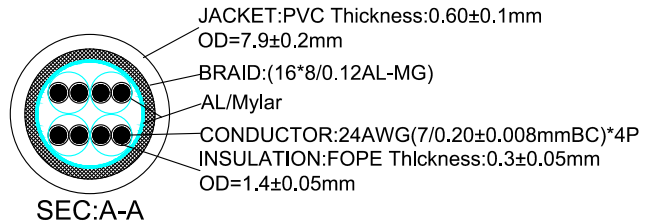


NOTE: ALL MATERIAL COMPLIANT ROHS STANDARD

| REVISION INFORMATION | | | |
|----------------------|-----------|-------------|-------------------|
| Rec. | Rec. Date | Modified By | Brief Description |
| | | | |



MARKING:
25/40GBase-T CAT 8 - 2000MHz S/FTP PIMF PATCH CABLE CM PVC



JACKET:PVC Thickness:0.60±0.1mm
OD=7.9±0.2mm
BRAID:(16*8/0.12AL-MG)
AL/Mylar
CONDUCTOR:24AWG(7/0.20±0.008mmBC)*4P
INSULATION:FOPE Thickness:0.3±0.05mm
OD=1.4±0.05mm

| | |
|--------------|--------------|
| orange 1 | green 2 |
| white/orange | white/orange |
| blue 3 | brown 4 |
| white/blue | 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 |
| S | SHIELDED | S |

| L(ft) | T(inch) | T(%) | L(ft) | T(inch) | T(%) |
|-------|---------|-------|-------|---------|-------|
| 0.5 | ±1.2 | 20% | 12 | ±2 | 1.39% |
| 1 | ±1.2 | 10% | 15 | ±3.15 | 1.75% |
| 1.5 | ±1.2 | 6.6% | 20 | ±4 | 1.67% |
| 2 | ±1.2 | 5% | 25 | ±4 | 1.33% |
| 3 | ±1.2 | 3.33% | 30 | ±6 | 1.67% |
| 4 | ±1.2 | 2.5% | 40 | ±6 | 1.25% |
| 5 | ±1.2 | 2% | 50 | ±6 | 1.0% |
| 6 | ±1.2 | 1.67% | 60 | ±6 | 1.0% |
| 7 | ±2 | 2.38% | 70 | ±6 | 0.67% |
| 8 | ±2 | 2.08% | 80 | ±6 | 0.59% |
| 9 | ±2 | 1.85% | 90 | ±6 | 0.5% |
| 10 | ±2 | 1.67% | 100 | ±6 | 0.5% |

| | | |
|----------------|------------------|------------------------------------|
| DRAWN BY LY | DATE: 2019/01/21 | DESCRIPTION: CAT8 S/FTP PATCH CORD |
| CHECKED BY MTC | SHEET 1 of 1 | ITEM NO. 81025090 |
| APPROVED BY | SCALE 1:1 | REC. 00 UNIT: mm |

| NO. | PART NAME | SPECIFICATION DESCRIPTION | QTY | UNIT |
|-----|-----------|---|-----|------|
| ③ | RJ45 PLUG | 8P8C 50U' GOLD PLATED TWO-PIECE PLUG; SHIELDED NICKEL PLATING | | |
| ② | MOLDED | Assembled boot | | |
| ① | CABLE | CAT8 S/FTP [1P/24AWG(7*0.20BC)+AL]*4+BRAID(16*8/0.12AL-MG) OD=Ø7.9±0.20MM | | |