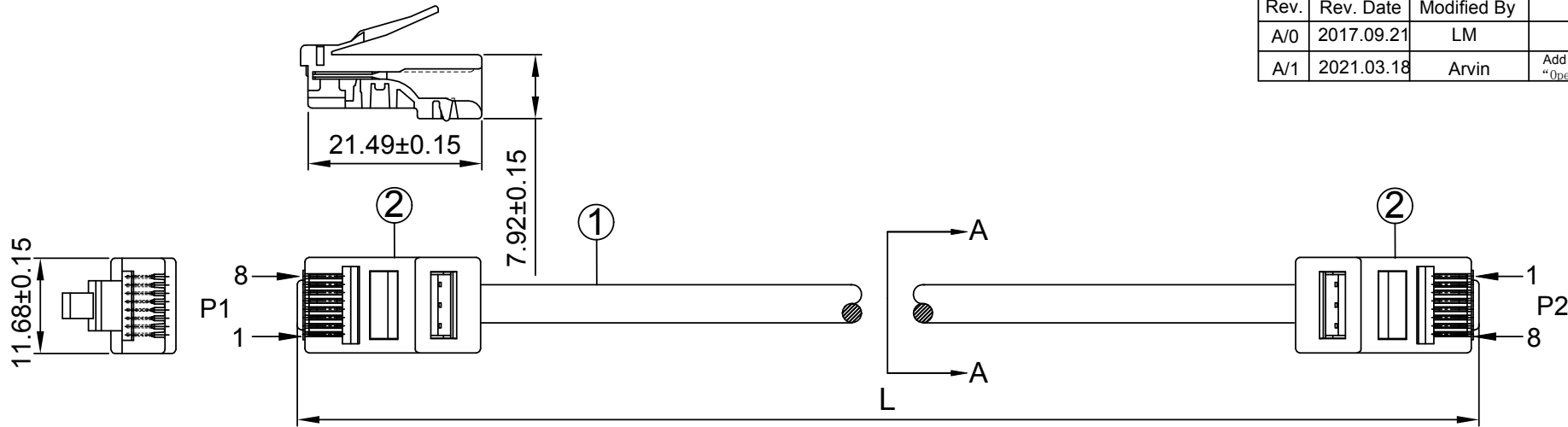


NOTE: ALL MATERIAL COMPLIANT ROHS STANDARD

| REVISION INFORMATION | | | |
|----------------------|------------|-------------|--|
| Rev. | Rev. Date | Modified By | Brief Description |
| A/0 | 2017.09.21 | LM | NEW |
| A/1 | 2021.03.18 | Arvin | Add "Plug Size" "Wire printing" "Operating temperature" |

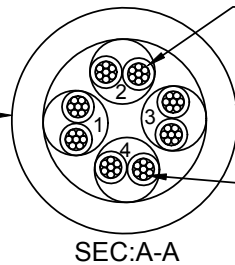


INK MARKING <FP2048> : YFC UTP CAT.5E 350MHZ PATCH ISO/IEC 11801 & EN 50288 & ANSI/TIA-568.2-D
3P CONFORMS TO GIGABIT ETHERNET ▲ 24AWGX4P TYPE

Operation Temperature:-20°C~+60°C
conductor resistance:120Ω(Km) at 20°C

| Jacket Color |
|--------------|
| BK012 |
| BU608 |
| GN509 |
| GY177 |
| OR307 |
| RD210 |
| RD220 |
| PU720 |
| WH928 |
| YE406 |

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



INSULATION:HDPE Thickness:0.2±0.05MM
OD=0.85±0.05mm

JACKET:PVC Thickness:0.6±0.1MM
OD=5.4+0/-0.2mm

CONDUCTOR:[24AWG(7/0.175±0.008mm) BC]X4P

| 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 |

| L(ft) | T(inch) | T(%) | L(ft) | T(inch) | T(%) |
|-------|---------|-------|-------|---------|-------|
| 0.5 | ±0.6 | 10% | 15 | ±3.15 | 1.75% |
| 1 | ±1.2 | 10% | 16 | ±3.15 | 1.64% |
| 2 | ±1.2 | 5% | 17 | ±3.15 | 1.54% |
| 3 | ±1.2 | 3.33% | 18 | ±3.15 | 1.46% |
| 4 | ±1.2 | 2.50% | 19 | ±3.15 | 1.38% |
| 5 | ±1.2 | 2% | 20 | ±4 | 1.67% |
| 6 | ±1.2 | 1.67% | 25 | ±4 | 1.33% |
| 7 | ±2 | 2.38% | 30 | ±6 | 1.67% |
| 8 | ±2 | 2.08% | 40 | ±6 | 1.25% |
| 9 | ±2 | 1.85% | 50 | ±6 | 1.00% |
| 10 | ±2 | 1.67% | 60 | ±6 | 1.00% |
| 11 | ±2 | 1.51% | 75 | ±6 | 0.67% |
| 12 | ±2 | 1.39% | 100 | ±6 | 0.50% |
| 13 | ±2 | 1.28% | 150 | ±6 | 0.33% |
| 14 | ±2 | 1.19% | 200 | ±6 | 0.25% |



| | | |
|----------------|------------------|---|
| DRAWN BY Arvin | DATE: 2021/03/18 | DESCRIPTION: LAN PATCH C5E UTP 24AWG 4P |
| CHECKED BY YB | SHEET 1 of 1 | ITEM NO. 1004XXX |
| APPROVED BY CQ | SCALE 1:1 | REV. 01 UNIT:mm |

| NO. | PART NAME | SPECIFICATION DESCRIPTION | QTY | UNIT |
|-----|-----------|----------------------------|-----|------|
| ② | PLUG | 8P8C 50U RJ45 | 2 | PCS |
| ① | CABLE | CAT.5E UTP PVC 24AWG*4P BC | A/R | M |