

RoHS COMPLIANT

| REVISION INFORMATION |           |                   |
|----------------------|-----------|-------------------|
| Rev.                 | Rev. Date | Brief Description |
|                      |           |                   |

### Brief Description

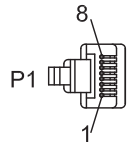
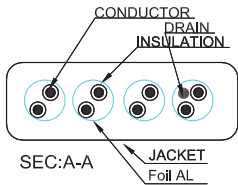


Diagram of a P2 connector. Label 1 points to the top contact, and label 8 points to the bottom contact. The connector is labeled P2.



brown 4  
white

|      | PINOUT    |         |           |
|------|-----------|---------|-----------|
| PA/R | P1(T568B) | WIRE    | P2(T568B) |
| 2    | 1         | WHT/ORG | 1         |
|      | 2         | ORG     | 2         |
| 3    | 3         | WHT/GRN | 3         |
|      | 6         | GRN     | 6         |
| 1    | 4         | BLU     | 4         |
|      | 5         | WHT/BLU | 5         |
| 4    | 7         | WHT/BRN | 7         |
|      | 8         | BRN     | 8         |
| S    | S         | BRAID   | S         |

1.ELECTRICAL TEST:  
 <1> 100% OPEN SHORT & MISS WIRE TEST.  
 <2> FLUKE CHANNEL LEVEL 1DB↑  
 <3> CONDUCTOR RESISTANCE: L≤10M    10ΩMAX  
                                         10<L≤20M    15ΩMAX  
                                         20<L≤40M    25ΩMAX

|            |     |                                                                                      |
|------------|-----|--------------------------------------------------------------------------------------|
| Conductor  |     | Bare Copper 30AWG<br>(7/0.10±0.008mmBC)*4P                                           |
| INSULATION |     | Thickness:MIN at any point:0.2mm<br>MAX AVG:0.3mm<br>Diameter:0.86±0.06mm            |
| Jacket     | PVC | Thickness: MIN at any point:0.50mm<br>MAX AVG:0.60mm<br>Diameter:2.8±0.15*8.5±0.20MM |

|     |           |                                                                                                                     |     |      |
|-----|-----------|---------------------------------------------------------------------------------------------------------------------|-----|------|
| 3   | RJ45 PLUG | RJ45 PLUG: 8P8C 50U" GOLD PLATED TWO-PIECE SHIELDED NICKEL PLUG;                                                    |     |      |
| 2   | MOLDED    | PVC MOLDED BOOT .                                                                                                   |     |      |
| 1   | CABLE     | CAT.6A U/FTP 3P/30AWG(7/0.10mm BC)+[1P/30AWG(7/0.10mm BC)+DRAIN(7/0.10mm TC)]<br>OD=2.8±0.15*8.5±0.20mm PVC JACKET. |     |      |
| NO. | PART NAME | SPECIFICATION DESCRIPTION                                                                                           | QTY | UNIT |



FILE NAME:

