

SPECIFICATION




P/N: CON 2PX28AWG PVC

Customer Reference. _____

Customer Signed by. _____

SHS TECHNOLOGY CO.,LTD

苏州尚虹鑫电子科技有限公司

| APPROVED | CHECK | DRAWING |
|--|--|---|
|  <p>徐 磊 2022.12.1</p> |  <p>徐 磊 2022.12.1</p> |  <p>王思哲 2022.12.1</p> |

1. Scope

This specification covers multi micro-coaxial cable for medical equipment.

2. Construction and Material

| Item | | Unit | Specified Value |
|--------------|-----------|--------|-------------------------|
| Core Number | | - | 2P |
| Conductor | AWG Size | - | 28 |
| | Material | - | Tinned copper |
| | Stranding | No./mm | 19/0.08 |
| Insulation | Material | - | HDPE |
| | Color | - | Black/White, Red/Green |
| | Thickness | mm | 0.20 |
| | Diameter | mm | 0.80 |
| Twisted | | - | See Fig.1 |
| Cabling | Tape | - | AL/PET tape (See Fig.1) |
| Braid Shield | Material | - | Tinned copper |
| | Strand | mm | 0.08 |
| | Coverage | % | Nom.90 |
| Jacket | Material | - | PVC(Color: BLACK) |
| | Thickness | mm | 0.5 |
| | Diameter | mm | 4.2±0.2 |

* Add the filler to make cable round if necessary.

3. Electrical Properties

| Item | Unit | Specified Value |
|-----------------------------------|--------|---------------------------------|
| Conductor Resistance (@ 20°C) | Ω/km | Max. 210 |
| Insulation resistance (@ 20°C) | MΩ -km | Min. 500 |
| Dielectric Strength ¹⁾ | - | To withstand A.C. 500V for 1min |
| Impedance (@ TDR) | Ω | 100±10 |

1): Applied between each conductor.

4. Package

- 1). Unit length : According to cumtomer requirement.
- 2). Package: Coiled into spool and then packed into carton box

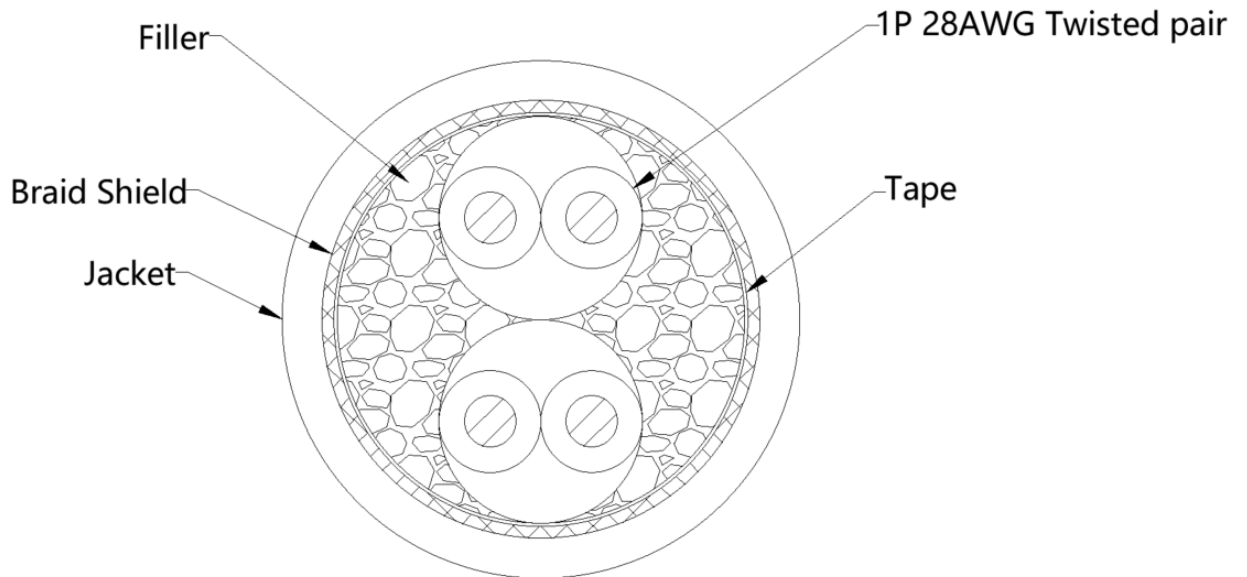


Fig.1 Cross section of cable.

REVISION RECORD

| Rev. No | Issue date | Item | Drawing | Check | Approved |
|---------|------------|-------|----------|----------|----------|
| 1 | 12/1/2022 | Draft | Carter.W | Lester.X | Lester.X |
| | | | | | |