

SPECIFICATION

P/N: MED 6PX34AWG(VV)

Customer File NO. _____

Customer Signed by. _____

SHS TECHNOLOGY CO.,LTD
苏州尚虹鑫电子科技有限公司

| APPROVED | CHECK | DRAWING |
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| <div><div></div><div>徐 磊</div><div>2023.1.14</div></div> | <div><div></div><div>徐 磊</div><div>2023.1.14</div></div> | <div><div></div><div>王思哲</div><div>2023.1.14</div></div> |

1. Scope

This specification covers mutil wire cable for medical equipment.

2. Construction and Material

| Item | | Unit | Specified Value |
|-------------|----------------|--------|--------------------------------|
| Conductor | Size | AWG | 34 |
| | Material | - | Tinned copper |
| | Stranding | No./mm | 7/0.064 |
| Insulation | Material | - | FEP |
| | Color | - | Blue,Yellow |
| | Thickness(Nom) | mm | 0.052 |
| | Concentricity | % | Min.85 |
| | Diameter | mm | 0.30±0.01 |
| Twisted | | - | See Fig.1 |
| Shield | Material | - | Tinned copper |
| | Strand (Nom.) | mm | 0.05 |
| | Coverage | % | Nom.90 |
| Jacket(1) | Material | - | Medical TPV (Color: Cool Gray) |
| | Thickness(Nom) | mm | 0.4 |
| | Diameter | mm | 1.50±0.15 |
| Cabling | | - | See Fig.1 |
| Binder Tape | Material | - | PTFE |
| Jacket(2) | Material | - | Medical TPV (Color: Cool Gray) |
| | Thickness(Nom) | mm | 0.6 |
| | Diameter | mm | 6.0±0.3 |

3. Electrical Properties

| Item | Unit | Specified Value |
|-----------------------------------|--------|---------------------------------|
| Conductor Resistance (@ 20°C) | Ω /km | Max. 900 |
| Insulation resistance (@ 20°C) | MΩ -km | Min. 500 |
| Dielectric Strength ¹⁾ | - | To withstand A.C. 500V for 1min |

1): Applied between each conductor.

4. Package

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

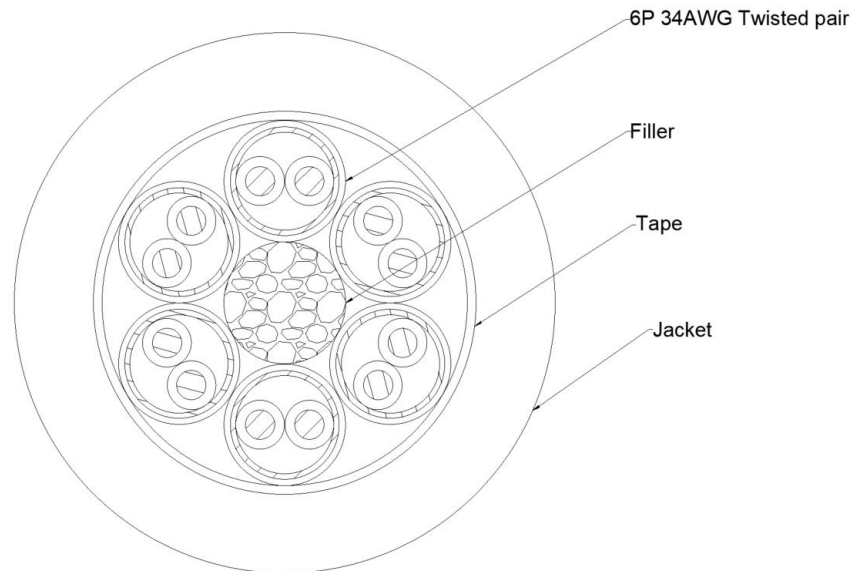


Fig.1 Cross section of cable

