

# SPECIFICATION

P/N: CON 4PX28AWG PVC

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
<div><div></div><div>徐 磊</div><div>2023.3.31</div></div>	<div><div></div><div>徐 磊</div><div>2023.3.31</div></div>	<div><div></div><div>王思哲</div><div>2023.3.31</div></div>

**1. Scope**

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

**2. Construction and Material**

Item		Unit	Specified Value
Core Number		-	4P
Conductor	AWG Size	-	28
	Material	-	Tinned copper
	Stranding	No./mm	19/0.08
Insulation	Material	-	Fluoropolymer
	Color	-	TBD
	Thickness	mm	0.13
	Diameter	mm	0.66
Twisted		-	See Fig.1
Cabling	Tape	-	PTFE
Jacket	Material	-	PVC(Color: Black)
	Thickness	mm	0.6
	Diameter	mm	4.0±0.2

\* Add the filler to make cable round if necessary.

**3. Electrical Properties**

Item	Unit	Specified Value
Rating Temperature	°C	80
Rating Voltage	V	30
Conductor Resistance (@ 20°C)	Ω /km	Max. 210
Insulation resistance (@ 20°C)	MΩ -km	Min. 1000
Dielectric Strength <sup>1)</sup>	-	To withstand A.C. 500V for 1min

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

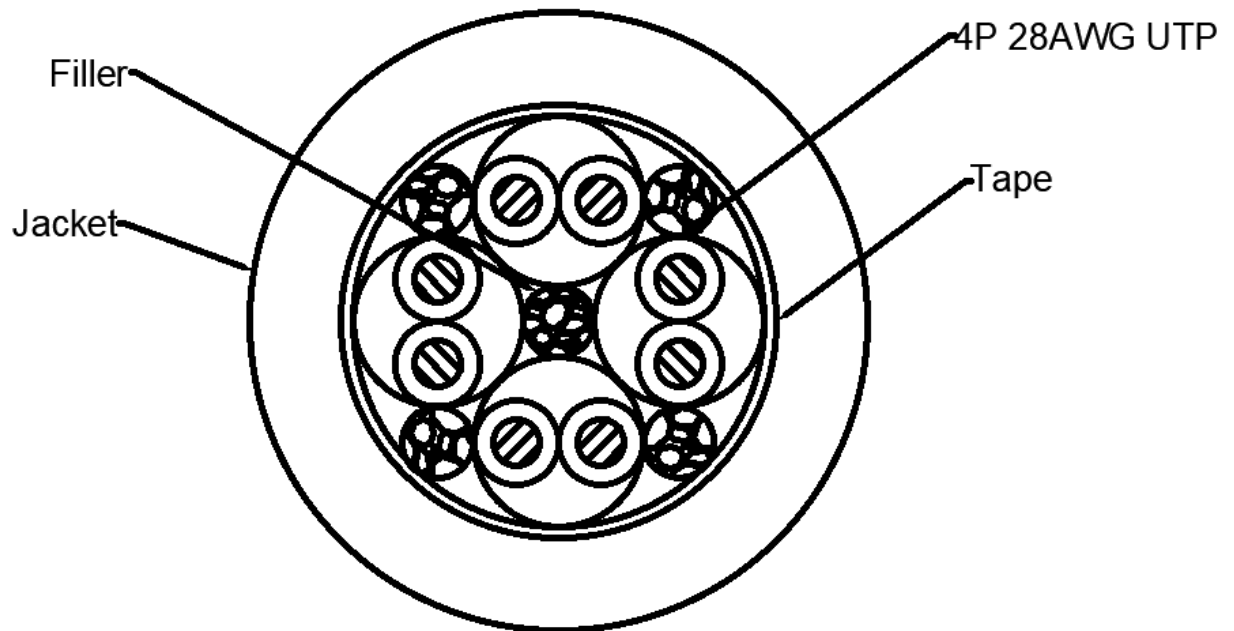


Fig.1 Cross section of cable.

