




SPECIFICATION

P/N: CON 6X24AWG+F

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
 <p>徐磊 2023.4.17</p>	 <p>徐磊 2023.4.17</p>	 <p>王思哲 2023.4.17</p>

1. Scope

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

2. Construction and Material

Item		Unit	Specified Value	
Core Number		-	6C	Fiber
Conductor	AWG Size	-	24	
	Material	-	Tinned copper wire	
	Stranding	No./mm	37/0.08	
Insulation	Material	-	Fluoropolymer	
	Color	-	Yellow, Red,Green,White Black, Blue	
	Thickness	mm	0.10	
	Diameter	mm	0.76	
Cabling*			See Fig.1	
Binder Tape	Material	-	PTFE	
Braid Shield	Material	-	Tinned copper	
	Strand	mm	0.08	
	Coverage	%	Nom.90	
Jacket	Material	-	PVC (Color: Ivory)	
	Thickness	mm	1.3	
	Diameter	mm	6.9±0.2	

Note: *Add the filler make the cable round if needed.

3. Electrical Properties

Item	Unit	Specified Value
		6C: 24AWG
Conductor Resistance (@ 20°C)	Ω /km	Max. 105
Insulation resistance (@ 20°C)	MΩ -km	Min. 1000
Dielectric Strength ¹⁾	-	To withstand A.C. 500V for 1min

Note 1): Applied between each conductor.

4. Package

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

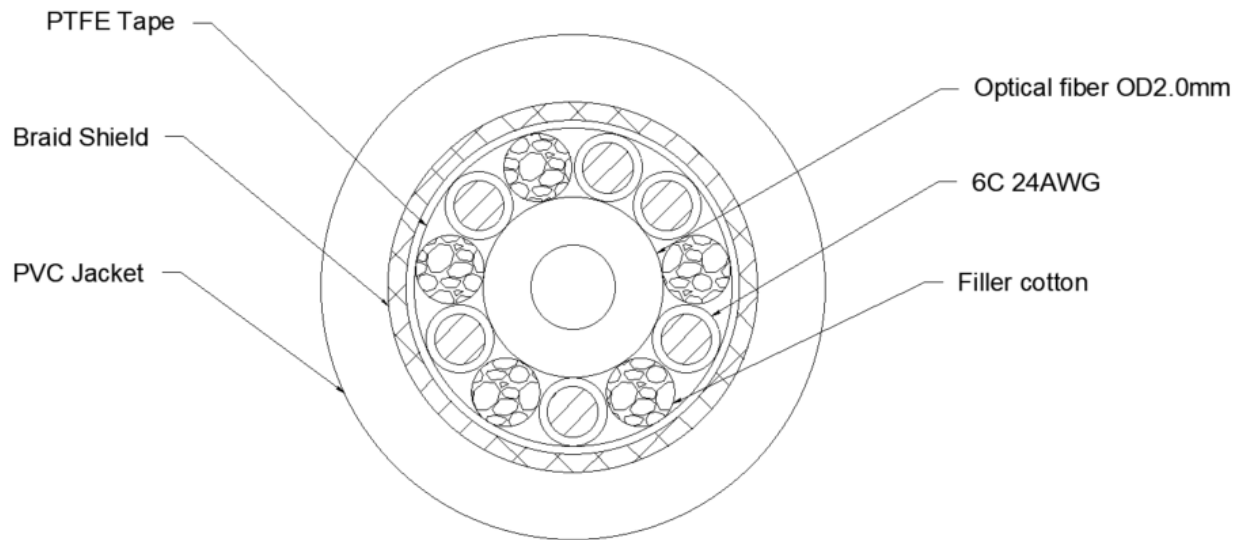


Fig.1 Cross section of cable.

REVISION RECORD

Rev. No	Issue date	Item	Drawing	Check	Approved
1	4/17/2023	TBD	Carter.W	Lester.X	Lester.X