

### 1. Scope

This specification covers multi wire cable for medical equipment.

### 2. Construction and Material

Item		Unit	Specified Value	
Core Number		-	4P	10C
Conductor	AWG Size	-	26	26
	Material	-	Tinned copper	
	Stranding	No./mm	19/0.10	19/0.10
Insulation	Material	-	Fluoropolymer	
	Color	-	TBD	TBD
	Thickness	mm	0.10	0.10
	Diameter	mm	0.70	0.70
Twisted			See Fig.1	
Tape Shield	Tape	-	AL/PET Tape	
Cabling*			See Fig.1	
Binder Tape	Material	-	PTFE	
Braid Shield	Material	-	Tinned copper	
	Strand	mm	0.08	
	Coverage	%	Nom.90	
Jacket	Material	-	PVC (Color: Black )	
	Thickness	mm	0.7	
	Diameter	mm	6.0±0.3	

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

### 3. Electrical Properties

Item	Unit	Specified Value
Conductor Resistance (@ 20°C)	Ω/km	Max. 150
Insulation resistance (@ 20°C)	MΩ -km	Min.1000
Dielectric Strength	-	To withstand A.C. 500V for 1min
Impedance (@ TDR 1ns)	Ω	NA

**4. Package**

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

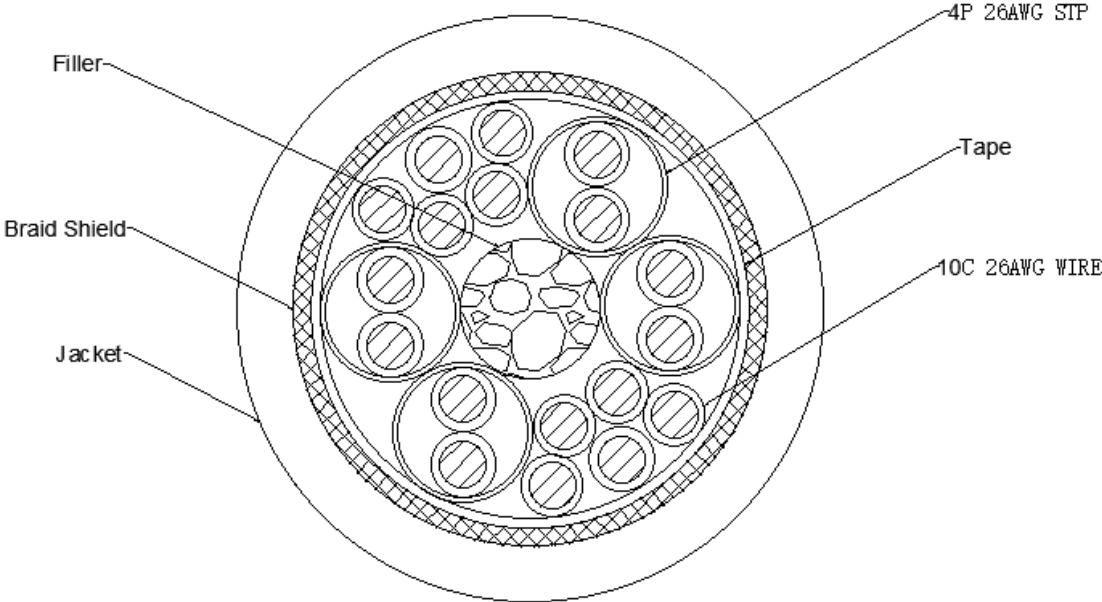


Fig.1 Cross section of cable.

**REVISION RECORD**

Rev. No	Issue date	Item	<b>Drawing</b>	<b>Check</b>	<b>Approved</b>
1	12/1/2023	TBD	Carter.W	Lester.X	Lester.X