




SPECIFICATION

P/N: MED 18CX26AWG S I L

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 2022.4.22</p>	 <p>徐磊 2022.4.22</p>	 <p>王思哲 2022.4.22</p>

1. Scope

This specification covers multi micro-coaxial cable for equipment.

2. Construction and Material

Item		Unit	Specified Value
Core Number		-	18
Conductor	Size	AWG	26
	Material	-	Tinned copper
	Stranding	No./mm	19/0.10
	Diameter	mm	0.50
Insulation	Material	-	Fluoropolymer (Color:TBD)
	Thickness	mm	0.13
	Diameter	mm	0.76
Twisted		-	See Fig.1
Binder Tape	Material	-	PTFE
	Thickness	mm	0.10
Cabling		-	See Fig.2
Binder Tape	Material	-	PTFE
	Thickness	mm	0.10
Braid Shield	Type	-	Braid
	Material	-	Tinned copper wire
	Coverage	%	Min.85
Binder Tape	Material	-	PTFE
	Thickness	mm	0.10
Jacket	Material	-	Silicone (Color:Gray)
	Thickness	mm	1.1
	Diameter	mm	7.0±0.3

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

3. Electrical Properties

Item	Unit	Specified Value
Conductor Resistance (@ 20°C)	Ω /km	Max.150
Insulation resistance (@ 20°C)	MΩ -km	Min. 1,000
Dielectric Strength ¹⁾	-	To withstand A.C. 500V for 1min
Impedance (@ TDR)	Ω	-

Note 1): Applied between conductor and spiral shield.

4. Packing

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

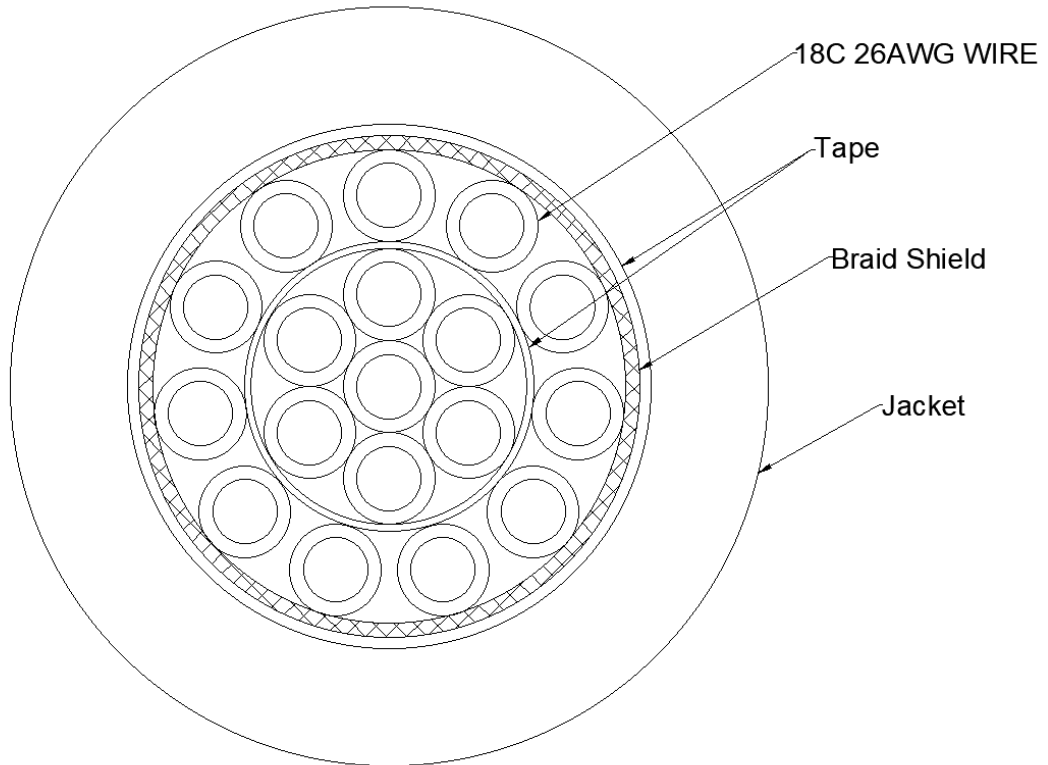


Fig.1 Cross section of cable

REVISION RECORD

Rev. No	Issue date	Item	DWN	CHK	APVD
1	6/27/2024	draft	Carter.W	Lester.X	Lester.X