

# SPECIFICATION




P/N: MED 20PX34AWG+B

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>徐 磊 2022.4.21</div>	 <div>徐 磊 2022.4.21</div>	 <div>王思哲 2022.4.21</div>

## 1. Scope

This specification covers multi micro-coaxial cable for equipment.

## 2. Construction and Material

Item		Unit	Specified Value
Core Number		-	20P
Conductor	Size	AWG	34
	Material	-	Tinned copper
	Stranding	No./mm	7/0.06
	Diameter	mm	0.18
Insulation	Material	-	Fluoropolymer (Color: (Red/Black),(Yellow/Black),(Green/Black), (Blue/Black),(White/Black),(Blue/Red), (Blue/Yellow),(Blue/Green),(Blue/Orange), (Blue/White),(Yellow/Red),(Yellow/Green), (Yellow/Orange),(Yellow/White), (Yellow/Brown),(Green/Red),(Green/Orange), (Green/White), (Green/Brown), (Green/Natural)
	Thickness	mm	0.08
	Diameter	mm	0.35
Twisted		-	See Fig.1
Cabling		-	See Fig.2
Spiral Shield	Type	-	Wrap
	Material	-	Tinned copper wire
	Coverage	%	Min.90
Binder Tape	Material	-	PTFE
	Thickness	mm	0.10
Jacket	Material	-	PVC (Color: Black)
	Thickness	mm	0.8
	Diameter	mm	5.2±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.900
Insulation resistance (@ 20°C)	MΩ -km	Min. 1,000

(From:DE-2001-01 Rev.1)

Dielectric Strength <sup>1)</sup>	-	To withstand A.C. 500V for 1min
Impedance (@ TDR)	$\Omega$	100±10

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

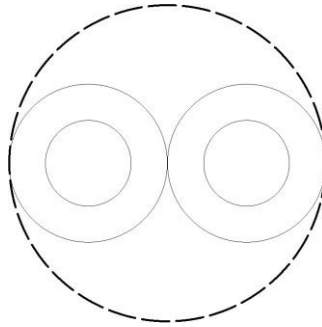


Fig.1 Cross section of Twisted pair

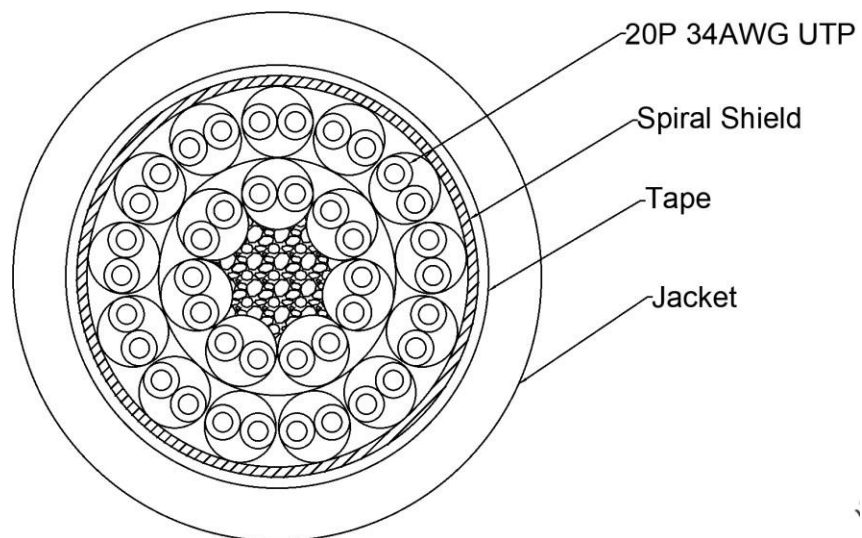


Fig.2 Cross section of cable

## REVISION RECORD

Rev. No	Issue date	Item	DWN	CHK	APVD
1	2/26/2024	draft	Carter.W	Lester.X	Lester.X