

SPECIFICATION

MED 20PX34AWG PVC

Customer Reference. _____

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>2024.3.15</div></div>	<div><div></div><div>徐 磊</div><div>2024.3.15</div></div>	<div><div></div><div>王思哲</div><div>2024.3.15</div></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: TBD)
	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
Dielectric Strength ¹⁾	-	To withstand A.C. 500V for 1min
Impedance (@ TDR)	Ω	100±10

Note 1): Appiled 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

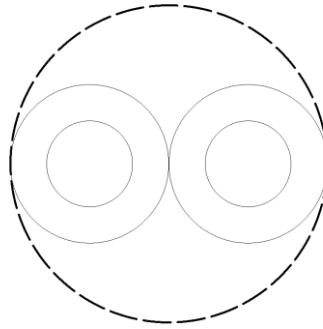


Fig.1 Cross section of Twisted pair

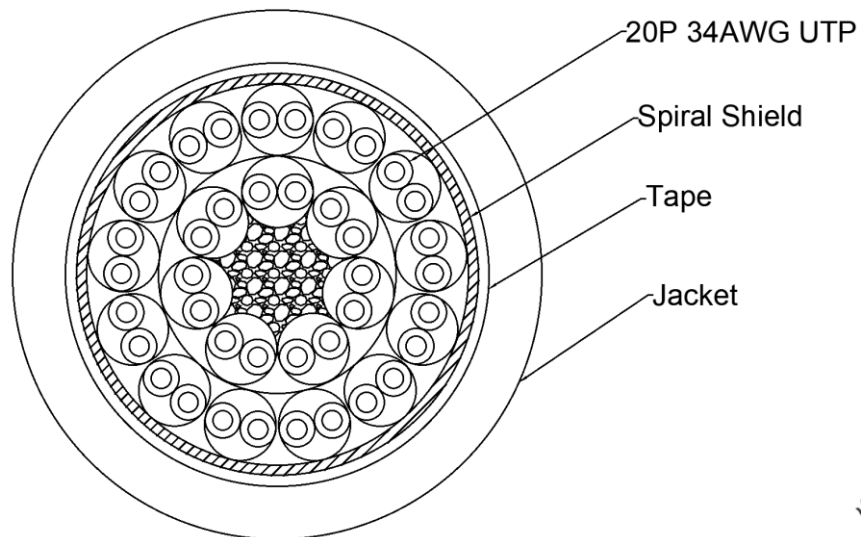


Fig.2 Cross section of cable

