

# SPECIFICATION




P/N: MED 6X30AWG TPV

Customer File NO. \_\_\_\_\_

Customer Signed by. \_\_\_\_\_

**SHS TECHNOLOGY CO.,LTD**

**苏州尚虹鑫科技有限公司**

APPROVED	CHECK	DRAWING
		

## 1. Scope

This specification covers mutil wire cable for consumer equipment.

## 2. Construction and Material

Item		Unit	Specified Value
Conductor	Size	AWG	30
	Material	-	Tinned copper
	Stranding	No./mm	7/0.102
Insulation	Material	-	FEP
	Color	-	Blue,Nature,Yellow,White,Red,Black
	Thickness(Nom)	mm	0.10
	Concentricity	%	Min.85
	Diameter	mm	0.50±0.02
Twisted		-	See Fig.1
Binder Tape	Material	-	PTFE
Braid Shield	Material	-	Tinned copper
	Strand (Nom.)	mm	0.06
	Coverage	%	Nom.90
Jacket	Material	-	Medical TPV (Color: White)
	Thickness(Nom)	mm	0.5
	Diameter	mm	3.00±0.15

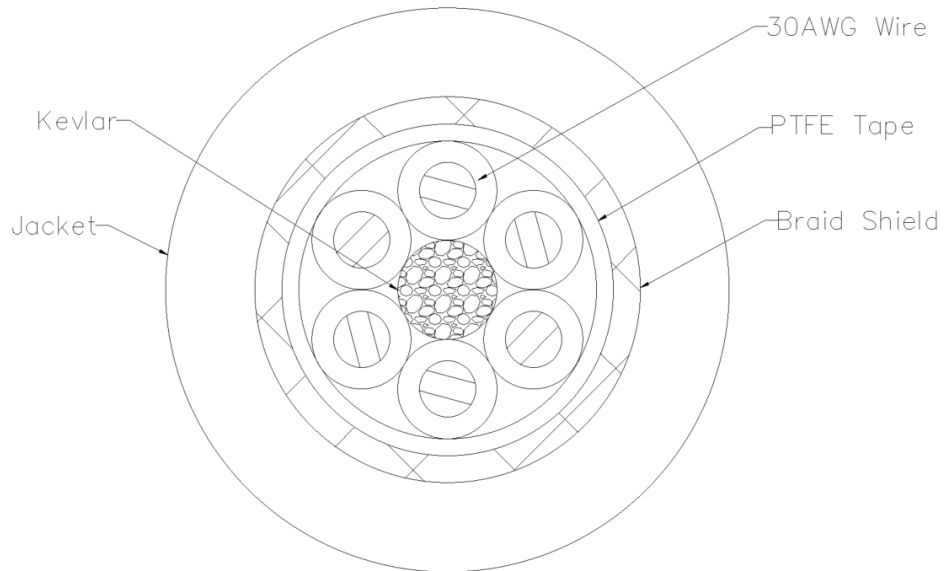
## 3. Electrical Properties

Item	Unit	Specified Value
Conductor Resistance (@ 20°C)	Ω/km	Max. 354
Insulation resistance (@ 20°C)	MΩ -km	Min. 500
Dielectric Strength <sup>1)</sup>	-	To withstand A.C. 500V for 1min

1): Applied between each conductor.

#### **4. Package**

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



**Fig.1 Cross section of cable**

