

# SPECIFICATION




P/N: MED 8X32AWG+20X28AWG PVC

Customer File NO. ....

Customer Signed by. ....

**SUZHOU SHS TECHNOLOGY CO.,LTD**

**苏州尚虹鑫电子科技有限公司**

APPROVED	CHECK	DRAWING
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**1. Scope**

This specification covers mutil micro-coaxial cable for consumer equipment.

**2. Construction and material**

Item		Unit	Specified Value	
Conductor	Number	-	8	20
	Size	AWG	32	28
	Material	-	Silver plated copper	Tinned copper
	Stranding	No./mm	7/0.08	19/0.08
Insulation	Material	-	FEP	FEP
	Thickness	mm	0.23	0.07
	Color	-	Nature	TBD
	Diameter	mm	0.70	0.54
Braid Shield	Construction	-	16/4/0.05	
	Material	-	Tinned copper	
	Coverage	%	Nom.90	
Jacket	Material	-	FEP	
	Color	-	TBD	
	Diameter	mm	1.13±0.10	
Cabling		-	See Fig.1	
Tape	Material	-	PTFE	
	Overlap	%	Min.25	
Braid Shield	Material	-	Tinned copper	
	Strand	mm	0.08	
	Coverage	%	Nom.85	
Sheath	Material	-	Medical PVC(Color: Ivory)	
	Thickness	mm	0.7	
	Diameter	mm	7.2±0.3	

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

### 3. Electrical properties

Item	Unit	Specified Value	
		32AWG	28AWG
Rating Temperature	°C	60	
Conductor Resistance (@ 20°C)	Ω /km	Max. 597	Max. 210
Insulation resistance (@ 20°C)	MΩ -km	Min. 1,000	
Dielectric Strength <sup>1)</sup>	-	To withstand A.C. 500V for 1min	
Impedance (@ 10mHz)	Ω	50±5	-

Note 1): Applied between conductor to shield.

### 4. Package

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

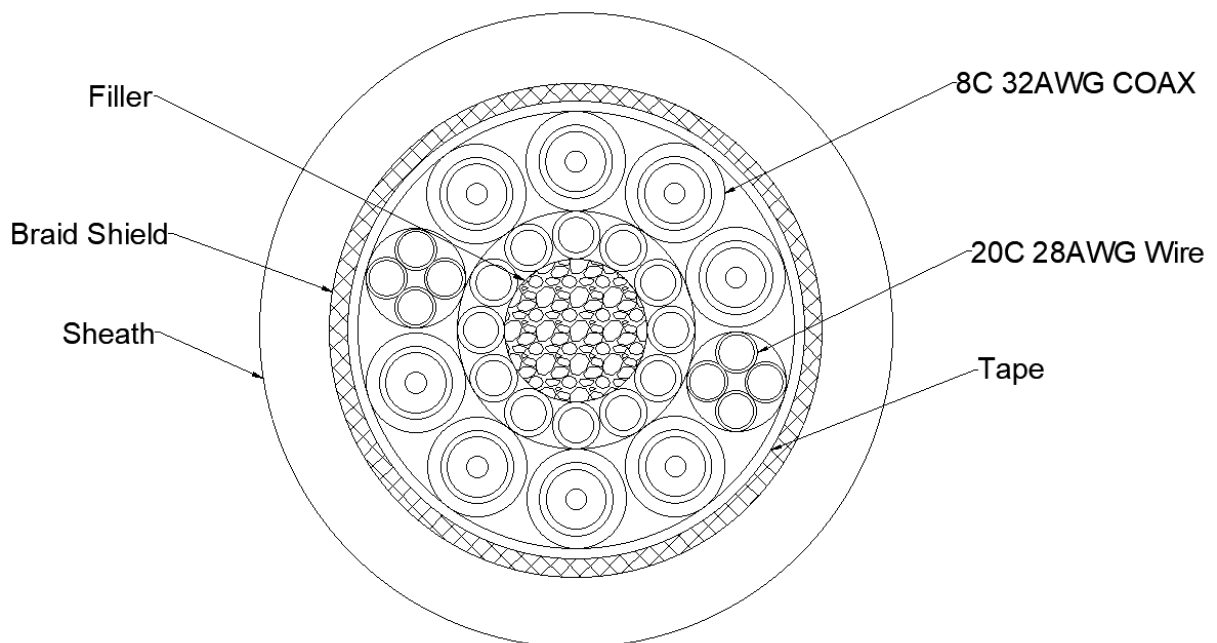


Fig.1 Cross section of cable

