






SPECIFICATION

P/N: 3CX20AWG (ETFE) UL10584 +B TPU

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
		

1. Scope

This specification covers mutil wire cable for medical equipment.

2. Construction and Material

Item		Unit	Specified Value
			3C
Conductor	Size	AWG	20
	Material	-	Tinned copper wire
	Stranded	No./mm	65/0.10
Insulation	Material	-	Fluoropolymer
	Color	-	White,Black,Red
	Thickness	mm	0.13
	Diameter	mm	1.20
Twisted		-	See Fig.1
Binder Tape	Material	-	PTFE
Braid Shield	Material	-	Tinned copper
	Strand	mm	0.08
	Coverage	%	Nom.85
Jacket	Material	-	TPU(Color: Black)
	Thickness	mm	0.6
	Diameter	mm	4.5±0.2

Note: Add the filler to make cable round if necessary.

3. Electrical Properties

Item	Unit	Specified Value
Conductor Resistance (@ 20°C)	Ω /km	Max.37.6
Insulation resistance (@ 20°C)	M Ω -km	Min. 1000
Dielectric Strength ¹⁾	-	To withstand A.C. 1.500V for 1min

1): Applied between each conductor, no broken.

4. Package

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

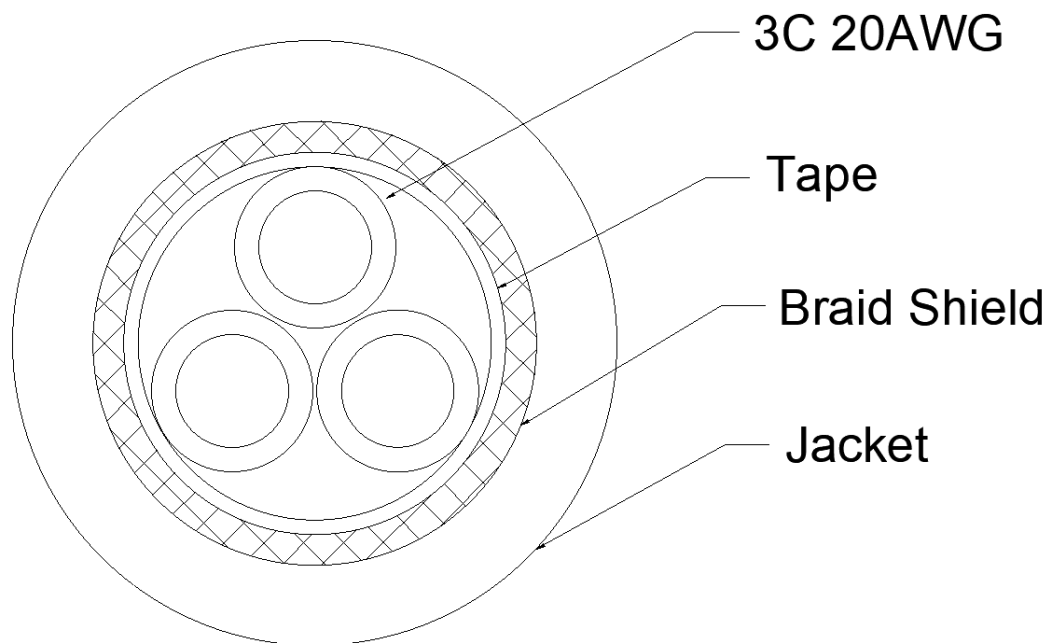


Fig.1 Cross section of cable

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