

SPECIFICATION

P/N: CON 4X30AWG OD1.8

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
徐磊 2023.10.24	徐磊 2023.10.24	王思哲 2023.10.24

1. Scope

This specification covers multi micro-coaxial cable for medical equipment.

2. Construction and Material

Item		Unit	Specified Value
Core Number		-	4
Conductor	Size	AWG	30
	Material	-	Tinned copper wire
	Stranding	No./mm	19/0.06
Insulation	Material	-	Fluoropolymer
	Color	-	Blue,Orange,Green,White
	Thickness	mm	0.13
	Diameter	mm	0.56
Cabling*			See Fig.1
Served Shield	Material	-	Tinned copper wire
	Strand	mm	0.08
	Coverage	%	Nom.90
Jacket	Material	-	Fluoropolymer (Color: Black)
	Thickness	mm	0.12
	Diameter	mm	1.8±0.1

*Add the filler to make the cable round if needed.

3. Electrical Properties

Item	Unit	Specified Value
		30AWG
Conductor resistance (@ 20°C)	Ω/km	Max.354
Insulation resistance (@ 20°C)	MΩ -km	Min. 1000
Dielectric strength	-	To withstand A.C. 500V for 1min
Impedance (@ TDR 1ns)	Ω	-

4. Package

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

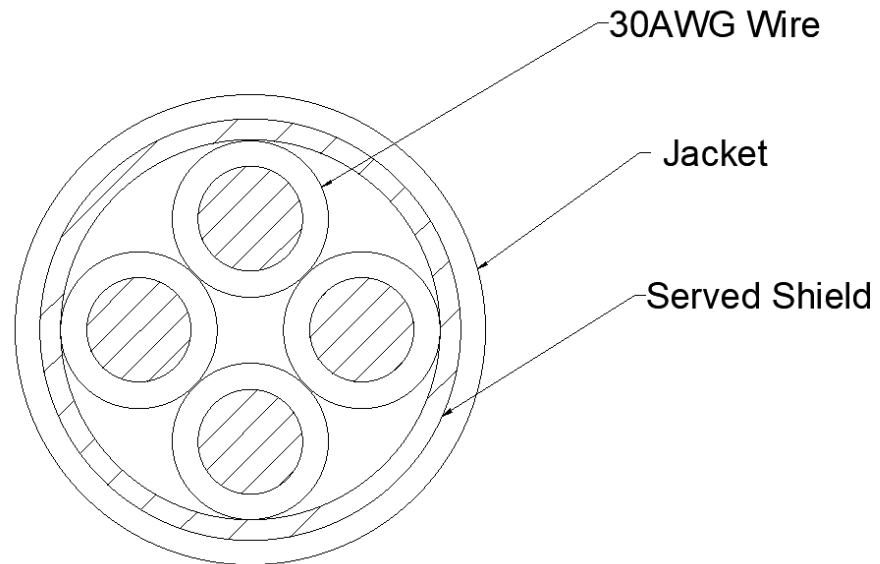


Fig.1 Cross section of cable.

REVISION RECORD

Rev. No	Issue date	Item	Drawing	Check	Approved
1	10/24/2023	TBD	Carter.W	Lester.X	Lester.X