

SPECIFICATION

14C(1 coax×38 AWG+3UTP×36AWG+7C×
38AWG)

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Approved: Zach Shawn

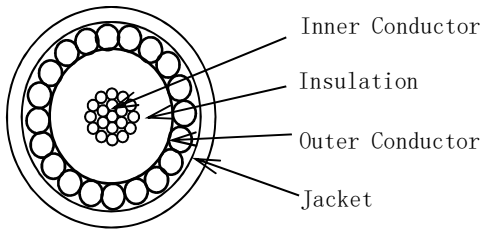
1. (Scope)

This cable is used for medical equipment.

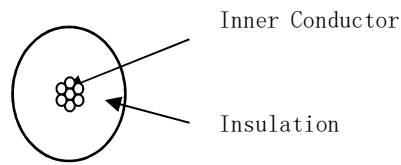
2. (Construction)

Item		Unit	Specified Value		
			38AWG	38AWG	38AWG
			Coaxial	UTP	Wire
Number of cores		-	1(A)	3P(B)	7(C)
Inner			Silver plated copper	Silver plated copper	Silver plated copper
Conductor	Stranding	No./mm	7/0.04	7/0.004	7/0.04
	Dia.	mm	0.12	0.12	0.12
Insulation	Material	-	PFA	PFA	PFA
	Thick.	mm	0.105	0.08	0.045
	Diameter	mm	0.33±0.02	0.30±0.04	0.21±0.02
	Color	-	See Charm	See Charm	See Charm
Outer Conductor	Type	-	Wrap	-	-
	Material		Tin Plated copper Alloy	-	-
	Strand.	mm	0.03	-	-
	Coverage	%	Min.90	-	-
Shield	Material	-	CU-PET	-	
	Thick.	mm	0.01	-	
	Dia.		0.41		
Twisting		mm		0.6	
Drain wire	Material	-	Tin Plated copper		
	Gauge	AWG	38AWG		
	Stranding	No./mm	7/0.04		
Ass.	Dia.	mm	1.3		
Binder Tape	Material	-	PET		
	Thick.	mm	0.01		
Shield	Type	-	Braid		
	Material	-	Tin plated copper		
	Strand	mm	0.05		
	Coverage	%	90		
Sheath	Material	-	FEP		
	Thick.	mm	0.05		
	Diameter	mm	1.62±0.1		
	Color	-	White		

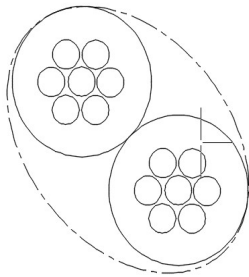
3. (Cross-section)



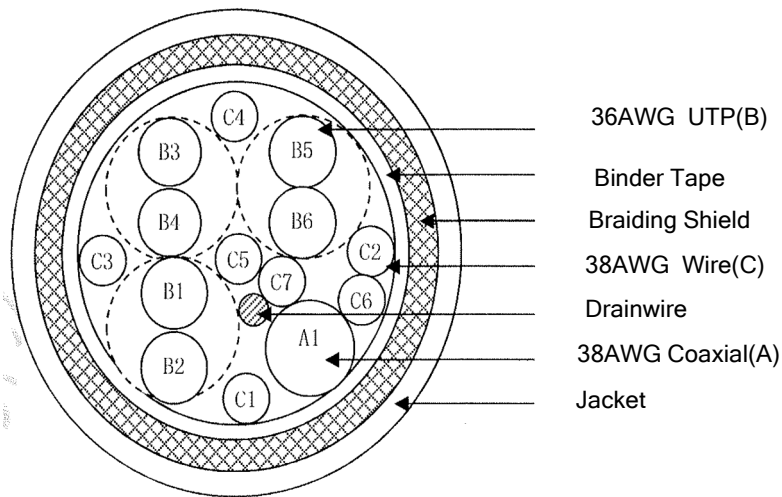
38AWG Coaxial (A)



38AWG(C)Wire



38AWG (B),UTP



NO.	Color	NO.	Color
A1	Yellow	C1	White
B1	Yellow	C2	Black
B2	Green	C3	Green
B3	Red	C4	pink
B4	Orange	C5	Clear
B5	Blue	C6	Orange
B6	Gray	C7	Brown

4. (Electrical Properties)

Item	Unit	Specified Value		
		38WG	38AWG	38AWG
		Coaxial(A)	UTP(B)	wire(C)
Rating temper	°C	80		
Rating voltage	V	30		
(20°C) Conductor Resistance	Ω/km	Max.3,500	Max.1,900	Max.3,500
(20°C) Insulation Resistance	MΩ-km	Min. 1,000	Min. 1,000	Min. 1,000
Characteristic impedance	Ω	Nom. 50±5	Nom. 100±10	

5. (Packing)

(1) Unit length : 250m(Min.10m)

(2) Package : Bobbin Reel