

SPECIFICATION

P/N): EN-50ohm 210C206×43AWG+2Px30AWG

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URL: [http://: www.rf-coaxial.com](http://www.rf-coaxial.com)

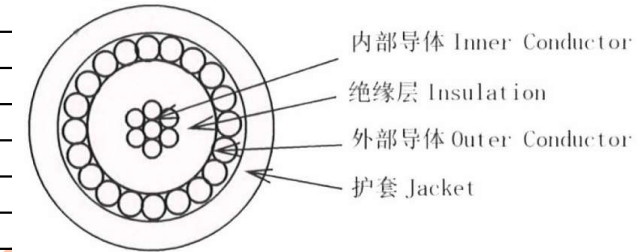
mail: Sales@rf-coaxial.com

1. Scope

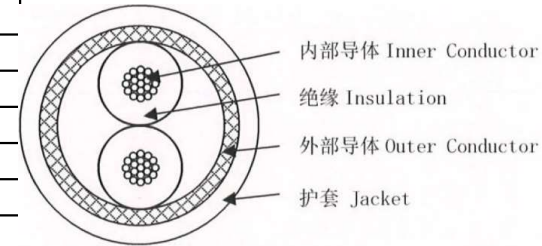
This cable is used for medical equipment.

2. 1-1 Construction table

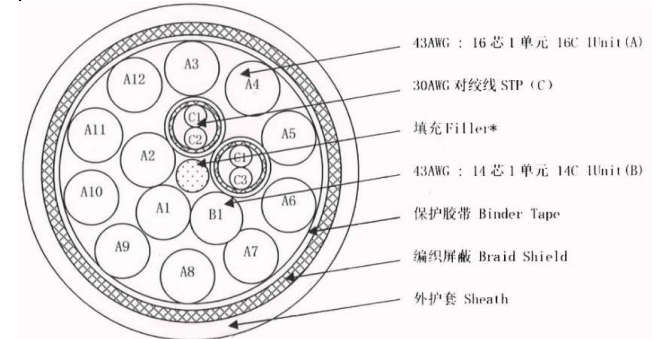
Item	Unit	Specified Value	Specified Value
		43AWG Coax.	30AWG STP.
Number of cores	-	206	2Pair4C)
Inner Conductor	Material	-	SPCA
	Stranding	No./mm	7/0.023
	Dia.	mm	0.069
Insulation	Material	-	PFA
	Thick.	mm	0.06
	Dia.	mm	0.19
	Color	-	Yellow
Twisting	mm	-	1.06
Outer Conductor	Type	-	Wrap
	Material	-	TCA
	Thick.	mm	0.025
Jacket	Material	-	PET
	Thick.	mm	0.02
	Dia.	mm	0.28
	Color	-	See Charm
Assembly	mm	6.0	
Binder Tape	Material	-	PTFE
	Thick.		0.05
Shield	Type	-	Braid
	Material	-	TTW
	Stranding	mm	0.10
	Coverage	%	Nom. 95
Sheath	Material	-	PVC
	Thick.	mm	0.8
	Dia.	mm	8.0±0.3

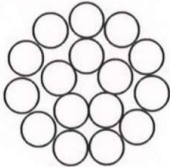
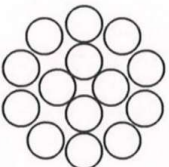


43AWG Coax.



30AWG STP.



	Color	-	White		No.	Color	No.	Color
 <p>(5+11) 16 core 1 Unit(A)</p>	 <p>(4+10) 14 core 1 Unit(B)</p>			A1	White	A9	Purple	
		A2	Black	A10	Grey			
		A3	Red	A11	White			
		A4	Blue	A12	Black			
		A5	Green	B1	Red			
		A6	Yellow	C1	White			
		A7	Orange	C2	Green			
		A8	Brown	C3	Yellow			

3. Characteristic

2 Characteristic table

Item	Unit	43AWG Coaxial	Specified Value of 30AWG STP
Rating temperature	°C	60	60
Rating voltage	V	30	30
Conductor resistance 20°C	Ω/km	Max. 8500	Max.354
Insulation Resistance 20°C	MΩ-km	Min. 1,000	Min.100 0
Dielectric Strength	VAC)/1min	AC 500V/1min	
Characteristic Impedance@2ns	Ω	50±5	-
Capacitance at 1kHz	pF/m	110pfm±10%	-

4. Packing: Standard length : 100m Min.5m) Packing method : By Coil

5. Notes

※ : Storage environment: Better to store at temperature below 30°C, humidity within 20~65%, avoid direct sunlight.

※ : Optimal storage period: 2 months; After 2 months, the operability may decreases, but the electrical performance will not be affected.

Rev.1

Initial