

SPECIFICATION

P/N: 50pFm 132C132×42AWG

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

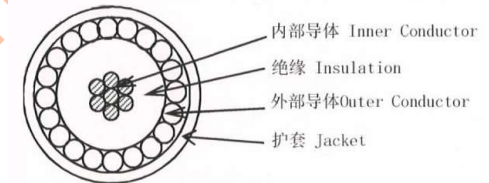
[Email: Sales@rf-coaxial.com](mailto:Sales@rf-coaxial.com)

1. Scope
 。 This cable is used for medical equipment.

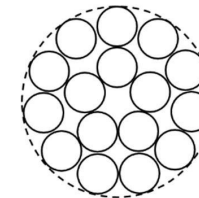
2. Construction

1-1 Construction table

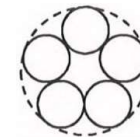
Item		Unit	Specified Value 42AWG Coax.
Number of cores		-	132
Inner Conductor	Material	-	SPCA
	Stranding	No./mm	7/0.025
	Dia.	mm	0.075
Insulation	Material	-	Foamed PFA
	Thick.	mm	0.105
	Dia.	mm	0.285±0.03
	Color	-	Yellow
Outer Conductor	Type	-	Wrap
	Material	-	TCA
	Thick.	mm	0.025
Jacket	Material	-	PET
	Thick.	mm	0.02
	Dia.	mm	0.39
	Color	-	See Charm



42AWG Coax.



(5+11) 16 core 1 Unit(A)



5 core 1 Unit(B)

1-2 Construction table

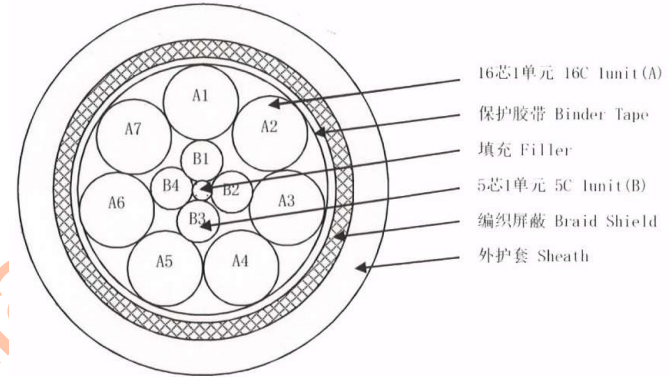
Item		Unit	Specified Value
Assembly		mm	5.7
Binder Tape	Material	-	PTFE
	Thick.		0.05
Shield	Type	-	Braid
	Material	-	TTW
	Stranding	mm	0.10
	Coverage	%	Nom. 95
Sheath	Material	-	PVC
	Thick.	mm	0.7
	Dia.	mm	7.7±0.3
	Color	-	White

Note

SPCA:Silver plated copper alloy

TCA:Tinned copper alloy

TTW:Tinned,spiral wrapped tinsel-copper



No.	Color	No.	Color
A1	White	B1	Grey
A2	Black	B2	orange
A3	Red	B3	Pink
A4	Blue	B4	Purple
A5	Green		
A6	Yellow		
A7	Brown		

3. Characteristic

2 Characteristic table

Item	Unit	Specified Value
Rating temperature	°C	60
Rating voltage	V	30
Conductor resistance20°C	Ω/km	Max.7500
Insulation Resistance 20°C	MΩ-km	Min.100
Characteristic Impedance@2ns	Ω	Nom. 85
Capacitanceat 1kHz	pF/m	Nom.50

4. Packing

Standard length : 100m Min.10m Packing method : By coil into carton box

5. Notes

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

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

Rev.1