

# SPECIFICATION

(P/N): EN-60pF/m 68C(68×42AWG)

Prepared  
Reviewed  
Approved

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

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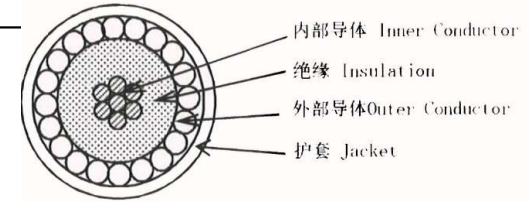
1. Scope

。 This cable is used for medical equipment.

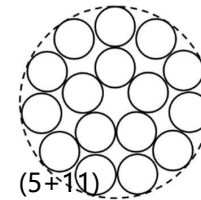
2. Construction

1-1 Construction table

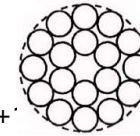
Item	Unit	Specified Value	
		42AWG Coax.	
Number of cores	-	208	
Inner Conductor	Material	-	SPCA
	Stranding	No./mm	7/0.025
	() Dia.	mm	0.075
Insulation	Material	-	Foamed PFA
	() Thick.	mm	0.10
	() Dia.	mm	0.275±0.03
	Color	-	Yellow
Outer Conductor	Type	-	Wrap
	Material	-	TCA
	() Thick.	mm	0.025
Jacket	Material	-	PET
	() Thick.	mm	0.02
	() Dia.	mm	0.38
	Color	-	See Charm



42AWG Coax.



16 core 1 Unit(A)

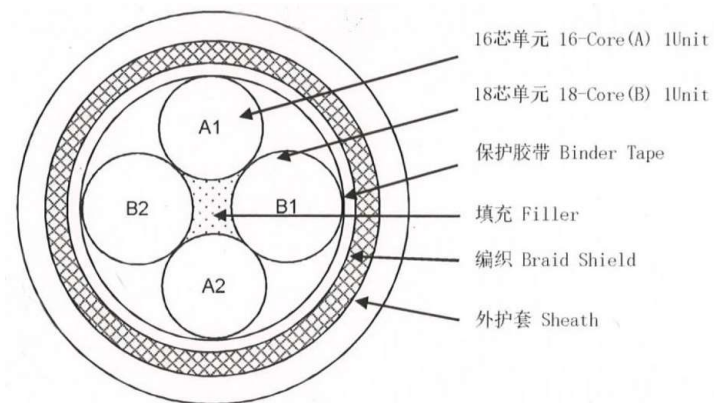


18 core 1 Unit(B)

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1-2 Construction table

Item		Unit	Specified Value
Assembly		mm	4.2
Binder Tape	Material	-	PTFE
	( ) Thick.	-	0.05
Shield	Type	-	Braid
	Material	-	TTW
	Stranding	mm	0.10
	Coverage	%	Nom. 95
Sheath	Material	-	PVC
	( ) Thick.	mm	0.6
	( ) Dia.	mm	6.0±0.3
	Color	-	White



No.	Color	No.	Color
A1	(White)	B1	(Red)
A2	(Black)	B2	(Blue)

3. Characteristic

2 Characteristic table

Item	Unit	Specified Value
Rating temperature	°C	60
Rating voltage	V	30
Conductor resistance(20°C)	Ω/km	Max.7,500
Insulation Resistance (20°C)	MΩ-km	Min.100
Dielectric Strength	V(AC)/1min	-
Characteristic Impedance(@2ns)	Ω	Nom. 75
Capacitance(at 1kHz)	pF/m	Nom. 60

#### 4. Packing

Standard length : 100m (Min.10m) Packing method : By Coil

#### 5. Notes

※ : 30°C, 20~65%, 。

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

※ : 2 ; 2 , 。

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

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