

SPECIFICATION

P/N): EN-50pF/m 208C208×44AWG

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1. Scope
 This cable is used for medical equipment.

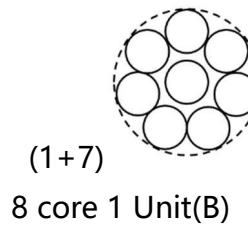
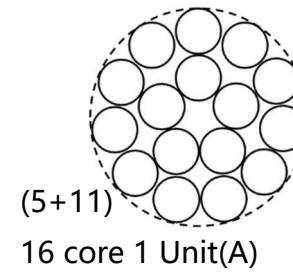
2. Construction

1-1 Construction table

Item	Unit	Specified Value	
		44AWG Coax.	
Number of cores	-	208	
Inner Conductor	Material	-	SPCA
	Stranding	No./mm	7/0.02
	Dia.	mm	0.06
Insulation	Material	-	Foamed PFA
	Thick.	mm	0.08
	Dia.	mm	0.22
	Color	-	White
Skin layer	Material	-	PET
	Thick.	mm	0.01
	Dia.	mm	0.24
	Color	-	Yellow
Outer Conductor	Type	-	Wrap
	Material	-	SPCA
	Thick.	mm	0.025
Jacket	Material	-	PET
	Thick.	mm	0.02
	Dia.	mm	0.33
	Color	-	See Charm

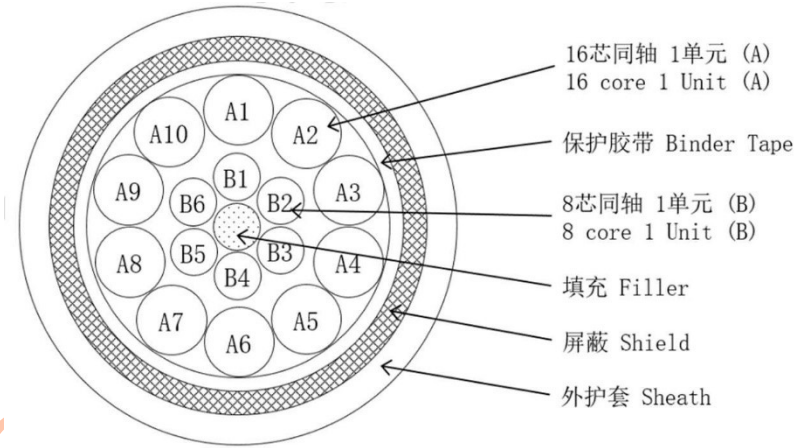


44AWG Coax.



1-2 Construction table

Item		Unit	Specified Value
Assembly		mm	6.1
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	8.3±0.3
	Color	-	White



No.	Color	No.	Color
A1	White	A9	Blue
A2	Black	A10	Yellow
A3	Red	B1	White
A4	Blue	B2	Black
A5	Yellow	B3	Red
A6	Green	B4	Blue
A7	Brown	B5	Yellow
A8	Red	B6	Green

3. Characteristic

2 Characteristic table

Item	Unit	Specified Value
Rating temperature	°C	80
Rating voltage	V	30
Conductor resistance20°C	Ω/km	Max.10,500
Insulation Resistance 20°C	MΩ-km	Min.100
Dielectric Strength	VAC)/1 min	250
Characteristic Impedance@2ns	Ω	Nom. 85
Capacitanceat 1kHz	pF/m	Nom. 50

4. Packing

Standard length : 50m Min.10m ; Packing method : By Coil

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.

※ : Processing temperature: 260°C limit case, can withstand for a short time.

Rev.1

Initial