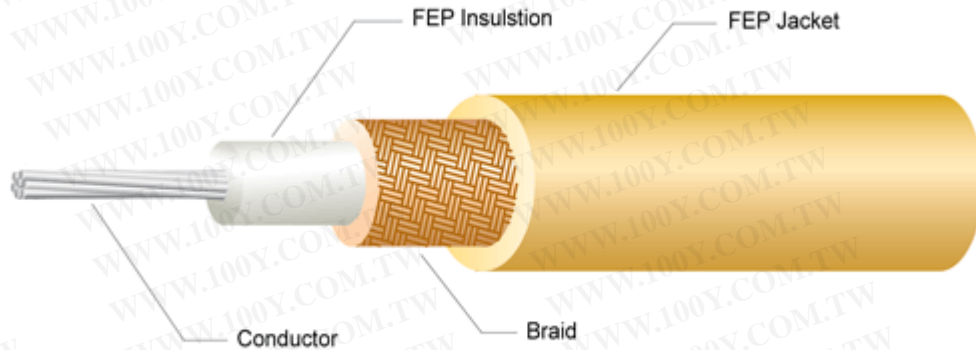


RG-179/U High Frequency Coaxial Cable



DESCRIPTION

- Conductor : Silver coated copper clad steel
- Insulation : FEP Teflon
- Braid : Silver coated copper
- Jacket : FEP Teflon
- Jacket Thickness : 0.25 ~ 0.62 mm.
- Temperature Range : -70°C ~ 200°C
- Voltage Rating : 30V

CHARACTERISTICS

- Continuous working temperature range : -70°C ~ 200°C
- Resistant to solvents, chemicals, gasoline and radiations.
- High Dielectric Strength permits extremely
- Minimal single distortion
- Tough flexible resistant to crush, abrasion.

Document	Conductor		Insulation	Braid	Jacket	Capacitance (pF/ft)	Impedance (ohms)	VSWR(max.)	
	AWG	No./AWG Strands	Diameter (mm)	Coverage (%)	Diameter (mm)			Frequency(Hz) 3G	6G
RG-179/U	30	7 x 38	1.58	95	2.54	19.5	75	1.2	1.3

APPLICATIONS

Applications include mobile phone, PC and peripherals, home appliances, PDA, digital camera, GPS, network access device, video/audio equipment, security equipment, medical equipment, lighting equipment, remote control, wrist watch, car phone, hands-free voice-controlled device, broadcast equipment, identification card, shopping mail information etc.

SPECIFICATION FOR APPROVAL

DOCUMENT: A30179U001

STYLE : RG-179/U

SIZE: 7/0.102 SCCS

RECOGNIZED: UL 1979
MEET VW-1

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



WONDERFUL HI-TECH CO., LTD. SPECIFICATION

STYLE	200°C 30V COAXIAL	DOCUMENT NO : A30179U001	
SIZE	RG-179/U	ESTABLISHED DATE: 2001/04/23	
STANDARD : MIL-C-17			
Conductor	Size	AWG	30
	Material	----	Silver-Coated Copper Clad Steel
	Conductors No.	----	7
	Conductors Size	mm	0.102
	O.D.	mm	0.31
Insulation	Average Thickness	mm	0.64
	Diameter	mm	1.58 ±0.05
	Material	----	FEP
	Color	----	Clear
Braid	Material	----	Silver-Coated Copper
	Construction	mm	16 / 5 / 0.092
	Coverage	%	91.6
Jacket	Average Thickness	mm	0.28
	Diameter	mm	2.54 ±0.10
	Material	----	FEP
	Color	----	ACCORDING TO CUSTOMER
Marking	M17/94-RG179 MIL-C-17 WONDERFUL		
Drawing			勝特力材料 886-3-5753170 勝特力电子(上海) 86-21-34970699 勝特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw



WONDERFUL HI-TECH., LTD.

SPECIFICATION

Electrical & Physical Properties						
Item		RG-179/U				
Rating Temp Voltage		200°C 30V				
Conductor Resistance		828.0 OHM/KM/20°C MAX.				
Insulation Resistance		3000 MEGA OHM-KM MIN.				
Dielectric Strength		AC 1.0 KV/Minute				
Spark Test		2 KV				
Insulation	Unaged	Tensile Strength	2500 PSI MIN.(1.76 Kg / m m ²)			
		Elongation	200% MIN.			
	Aged	Tensile Strength	UNAGED MIN.75%(168HRS×232°C)			
		Elongation	UNAGED MIN.75%(168HRS×232°C)			
Jacket	Unaged	Tensile Strength	2500 PSI MIN.(1.76 Kg / m m ²)			
		Elongation	200% MIN.			
	Aged	Tensile Strength	UNAGED MIN.75%(168HRS×232°C)			
		Elongation	UNAGED MIN.75%(168HRS×232°C)			
Nom. Impedance		75 ±5 Ohms				
Nom. Capacitance		64 ±2 pF/m				
Nom. Vel. of Prop.		69.5%				
Flame Test		VW-1 OK				
Attenuation (dB/100m)	10MHz	50MHz	100MHz	400MHz	700MHz	1GHz
	9.8	27.9	32.8	52.5	64.6	78.7

AK001/210X297/1.0

PAGE : 2

EDITION : 1.4

REVISED DATE :

MAKER : *H. C. KUO*

CONFIRM : *C. Y. Chen*

APPROVAL : *W. J. Wang*

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