

SPECIFICATION FOR APPROVAL

DOCUMENT: A30179U001

STYLE : RG-179/U

SIZE: 7/0.102 SCCS

RECOGNIZED: UL 1979



WONDERFUL HI-TECH CO.,LTD.

OFFICE : 72WU KONG 6TH ROAD,
WU KU IND. DISTRICT
TAIPEI HSIEN,TAIWAN

TEL : (02)22988033
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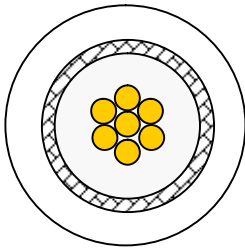
FACTORY : 17 PEI YUAN ROAD,
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WONDERFUL HI-TECH CO., LTD.

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 ±0.1
	Material	---- FEP
	Color	---- ACCORDING TO CUSTOM
Marking	M17/94-RG179 MIL-C-17 WONDERFUL	
Drawing		



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%			
Bend Radius				Min.15mm			
Flame Test				VW-1 OK			
Attenuation (dB/100m)	10MHz	100MHz	700MHz	1GHz	2GHz	3GHz	
	9.8	32.8	64.6	78.7	111	136	

AK001/210X297/1.0

PAGE : 2

EDITION : 1.4

REVISED DATE :

MAKER : S.N WONG

CONFIRM : MARK LU

APPROVAL : *W.J. Wang*

SPECIFICATION FOR APPROVAL

DOCUMENT: A30179U006

STYLE : RG-179/U 

SIZE: 7/0.102 SCCS

RECOGNIZED: UL 1979



WONDERFUL HI-TECH CO.,LTD.

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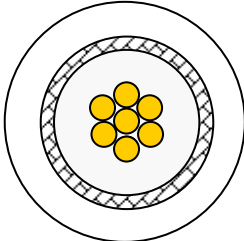
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WONDERFUL HI-TECH CO., LTD.

SPECIFICATION

STYLE	200°C 30V COAXIAL	DOCUMENT NO : A30179U006
SIZE	RG-179/U	ESTABLISHED DATE: 2008/09/18
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
Braid	Material	---- Silver-Coated Copper
	Construction	mm 16 / 5 / 0.092
	Coverage	% 83.8
Jacket	Average Thickness	mm 0.30
	Diameter	mm 2.98 ±0.1
	Material	---- FEP
	Color	---- ACCORDING TO CUSTOM
Marking	Non	
Drawing		



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 m²)			
		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 m²)			
		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	