



# SIN YU TECHNOLOGY INC.

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## SPECIFICATION

NO.: S08-0823-1.0

CONSTRUCTION DIAGRAM

<b>Name</b>		Coaxial Cable			
<b>Style</b>		RG-179U			
<b>Customer</b>					
<b>CONSTRUCTION</b>					
Inner Conductor	AWG	30			
	Structure	7/0.102±0.008mm			
	O.D.	0.31mm			
	Material	Silver-Coated Copper Clad Steel			
Insulation	Thickness	0.64mm(Nominal)			Note:
	O.D.	1.6±0.05mm			
	Material	FEP			
	Color	Clear			
Shield	Braiding	16/5/0.1mm Silver-Coated Copper >90% coverage			
Jacket	Thickness	0.28mm(Nominal)			
	O.D.	2.54±0.1mm			
	Material	FEP			
	Color	Orange			
	Marking				
<b>CHARACTERISTICS</b>					
<b>Item</b>		<b>Specification</b>			
Rating Temp Voltage		105°C, 30V			
Dielectric Strength		AC 1.0 (kV/Min.)			
Spark Test		0.5 KV			
Nom. Velocity of Propagation		69%			
Flame Test		VW-1			
Conductor Resistance (20°C)		Max. (Ω/km)	381		
Insulation Resistance (20°C)		Min. (MΩ-km)	100		
Characteristic Impedance		Ω	75±5		
Capacitance		pF/m	64±3		
Attenuation (dB/m) (20°C)		100 MHz	0.40		
		500 MHz	0.85		
		1000 MHz	1.30		

Approval: Josh Tsai

Review: Z.J. Huang

Tabulation: Force 2016/03/23