



SIN YU TECHNOLOGY INC.

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SPECIFICATION

NO.: S08-0950-1.0

CONSTRUCTION DIAGRAM

Part no.			
Name		Mini RF 1.13mm Low loss Coaxial Cable	
Style		32AWG	
Customer			
CONSTRUCTON			
Inner Conductor	Structure	7/0.08±0.008mm	
	O.D.	0.24 mm	
	Material	Silver-Coated Copper	
Insulation	Thickness	0.22mm (Nominal)	
	O.D.	0.68±0.02mm	
	Material	FEP	
	Color	Clear	
Isolation	Type	Copper-Foil	
	Braiding	0.05mm Tinned Copper, Coverage:90%	
Jacket	Thickness	0.13 mm(Nominal)	
	O.D.	1.13±0.05 mm	
	Material	FEP	
	Color	Black	
	Marking		

CHARACTERISTICS

Item	Specification	
Temperature Rating	105 °C	
Voltage Rating	30 V	
Conductor Resistance(20°C)	≤ 545 Ω/km	
Dielectric Strength (AC)	1.0 kV/Min	
Nom. Vel. of Prop	69 %	
VSWR (0 – 8GHz)	Less 1.45	
Characteristic Impedance	Ω	50±3
Capacitance	PF/M	96±3
Attenuation(dB/100M) (20°C)	2000 MHz	2.4
	2400 MHz	2.6
	3000 MHz	3.0
	5000 MHz	3.9
	6000 MHz	4.3
	8000 MHz	5.1

Approval: Josh Tsai

Review: Z.J. Huang

Tabulation: Adam 2020.09.22