



Model: YNX-316-RGSMA-SMAF-10cm

Description : RG316 cable, SMA male right angle to SMA female

1. Product

Item		Unit	Material and size
Inner conductor	Material	/	silver-plate copper weld conductor
	number/ diameter	pcs/mm	7/0.175±0.003
	Outer diameter	mm	Φ0.51
insulators	Material	/	Teflon (250 度铁氟龙树脂)
	Thickness	mm	0.50
	Outer diameter	mm	Φ1.52±0.05
Outer conductor	Material	/	Silver plated copper wire
	Density	%	≥93%(21 目)
	Outer diameter	mm	Φ1.95±0.05
jacket	Material	/	Teflon (200 铁氟龙树脂)
	thickness	mm	0.275
	Outer diameter	mm	Φ2.50±0.08
	Color	/	Transparent color or (custom)

2. Test

Test item	Standard	reference standard	Test way	Mark
Insulation resistance	≥10MΩ.Km	GB3048	500V 交流电 持续 1min	电阻测试仪
Maximum pressure	10000N	/	/	/
Medium pressure	1.5KV	GB3048	3KV 交流电 持续 1min	耐压测试仪
Working voltage	1000V	GB3048	/	/
Characteristic impedance	50±2Ω	GB4098	/	网析分析仪、 TRK 测试仪
Capacitance	96.45PF/M	GB4098	/	数字电容仪
Transmission rate	70%	/	/	网析分析仪
Transmission delay	4. 8ns/m	/	/	/

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Maximum operating frequency	3GHZ	/	/	/
Shielding rate reduction	100dB	/	GB9023	/
Flame retardant	passed	IEC332-3	/	/
attenuation (Db/m)	100MHZ	0.262	GB4098	海平面 20°C 测试
	400MHZ	0.531		
	1000MHZ	0.856		
	3000MHZ	1.532		
VSWR	5----3000MHZ	≤1.20		

3. Picture

