



Chinmore Industry Co., Ltd.

Ø1.32 Cable Specification

Technical data of product			
Type of cable	1.32		
Projects		Unit	Material and size
Conductor	Material	/	Silver-plated copper wire
	Radical number diameter	root/mm	7/0.08±0.003
	Outside diameter	mm	Ø0.24
Insulation	Material	/	FEP
	Thickness	Mm	0.21
	Finish the outside diameter	mm	Ø0.66±0.03
The first Weave	Material	/	Tinned copper wire
	Form	/	4/16/0.05
	Density	%	≥95%
	Finish the outside diameter	mm	Ø0.86±0.05
The Second Weave	Material	/	Tinned copper wire
	Form	/	4/16/0.05
	Density	%	≥95%
	Finish the outside diameter	mm	Ø1.06±0.05
Sheath	Material	/	FEP
	Thickness	mm	0.13
	Finish the outside diameter	mm	Ø1.32±0.05
	Colour sheath	/	According to guest's request

Cable Characteristics

Mechanical and physical characteristics

projects	Standard requirements
Draw ratio of inner conductor	≥20%
Insulating appearance	Smooth/good
Specific gravity of insulating material	2.14-2.19
Dielectric constant of insulation	2.1
Sheath appearance	Smooth/good

Electrical Performance

Test Item	Standard requirements
Insulation Resistance	≥10MΩ.Km
Maximum stress	8000N
Dielectric withstand voltage	0.8KV
Maximum operating voltage	600V
Characteristic Impedance	50±2 Ω
Capacitance	85PF/M
Transmission rate	70%
Transmission delay	4.8ns/m
Maximum operating frequency	2GHz
Shielding reduction	100dB
Operating temperature	-55°C~+200°C
Working humidity	<90 %

Attenuation of cable

Frequency (MHz)	Attenuation(dB/1M)
600	-1.27
900	-1.54
1575	-2.07
1800	-2.21
2000	-2.40
2100	-2.48
2400	-2.65
2700	-2.80
3000	-3.02

V.S.W.R.

Frequency (MHz)	Attenuation(1M)
600	1.03
900	1.03
1575	1.03
1800	1.16
2000	1.15
2100	1.24
2400	1.21
2700	1.11
3000	1.09

Return Loss

Frequency (MHz)	Attenuation(dB/1M)
600	-1.31
900	-1.59
1575	-2.11
1800	-2.31
2000	-2.43
2100	-2.52
2400	-2.74
2700	-2.91
3000	-3.11

