



## Chinmore Industry Co., Ltd.

### FT-400 Cable Specification

Technical data of product			
Type of cable	FT-400 COAXIAL CABLE		
<b>STRUCTURE</b>			
Conductor	Composition(No./mm)	1/2.74mm	
	Material	Copper cover Aluminum Wire	
	Outside Diameter(mm)	2.74±0.03mm	
Insulation	Material	Foamed Polyethylene	
	Thickness(mm)	2.3mm	
	Nom. Diameter(mm)	7.24±0.15 mm	
Shield	Material	Double Aluminum Foil	Tinned Copper Wire
	Construction	0.038mm	24x7/0.16mm
	Diameter(mm)		0.16±0.008mm
Jacket	Material	PVC	
	Diameter(mm)	10.3±0.20mm	
	Color	Black	
<b>ELECTRICAL CHARACTERISTIC</b>			
Impedance	$\Omega$	50±3	
Insulation Resistance	M $\Omega$ /km	1000 ↑	
Capacitance	pF/M	79±3	

#### Attenuation of cable

Frequency (MHz)	Attenuation(dB/1M)
600	-0.13
900	-0.19
1575	-0.26
1800	-0.25
2000	-0.30
2100	-0.27
2400	-0.31
2700	-0.49
3000	-0.35

**V.S.W.R.**

Frequency (MHz)	Attenuation(1M)
600	1.01
900	1.06
1575	1.03
1800	1.16
2000	1.07
2100	1.19
2400	1.05
2700	1.32
3000	1.25

**Return Loss**

Frequency (MHz)	Attenuation(dB/1M)
600	-0.10
900	-0.15
1575	-0.18
1800	-0.18
2000	-0.23
2100	-0.20
2400	-0.23
2700	-0.40
3000	-0.26



