



Chinmore Industry Co., Ltd.

MR-195 Cable Specification

Technical data of product			
Type of cable	MR-195 COAXIAL CABLE		
STRUCTURE			
Conductor	Composition(No./mm)	1/0.94mm	
	Material	Bare Copper Wire	
	Outside Diameter(mm)	0.94±0.03mm	
Insulation	Material	Foamed Polyethylene	
	Thickness(mm)	0.88mm	
	Nom. Diameter(mm)	2.79±0.1 mm	
Shield	Material	Double Sides AF	Tinned Copper Wire
	Construction	0.038mm	16x7/0.12mm
	Diameter(mm)		0.12±0.008mm
Jacket	Material	PE	
	Diameter(mm)	4.95±0.10mm	
	Color	Black	
ELECTRICAL CHARACTERISTIC			
Impedance	Ω	50±3	
Insulation Resistance	M Ω /km	1000 ↑	
Capacitance	pF/M	80±3	

Attenuation of cable

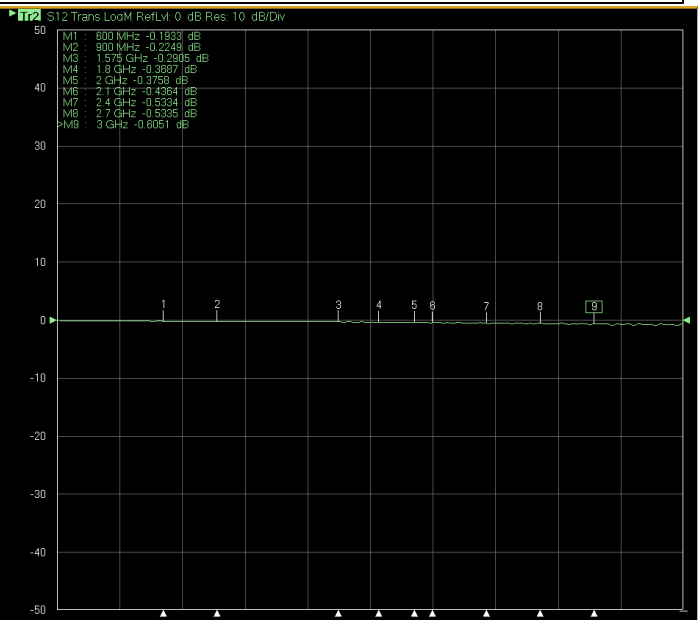
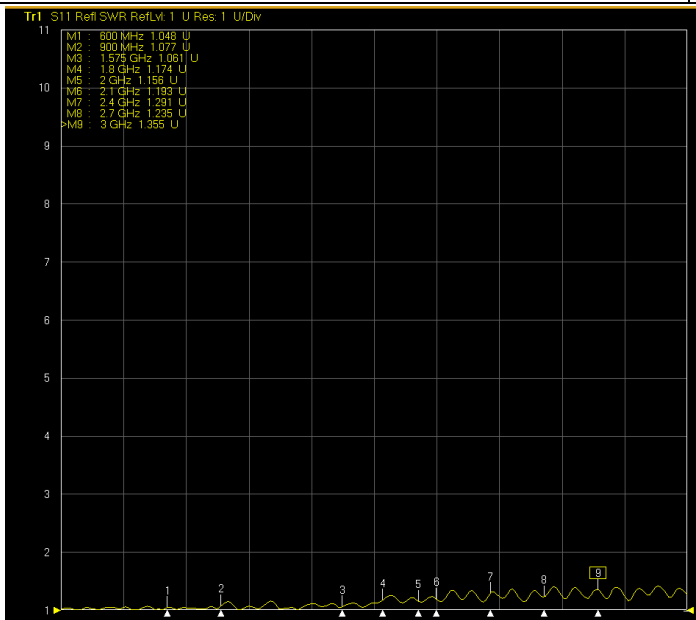
Frequency (MHz)	Attenuation(dB/1M)
600	-0.17
900	-0.22
1575	-0.31
1800	-0.38
2000	-0.43
2100	-0.50
2400	-0.58
2700	-0.67
3000	-0.54

V.S.W.R.

Frequency (MHz)	Attenuation(1M)
600	1.04
900	1.07
1575	1.06
1800	1.17
2000	1.15
2100	1.19
2400	1.29
2700	1.23
3000	1.35

Return Loss

Frequency (MHz)	Attenuation(dB/1M)
600	-0.19
900	-0.22
1575	-0.29
1800	-0.36
2000	-0.37
2100	-0.43
2400	-0.53
2700	-0.53
3000	-0.60



S21 Trans LooM RefLvl: 0 dB Res: 10 dB/Div

M1 : 800 MHz -0.1787 dB
M2 : 800 MHz -0.2272 dB
M3 : 1.575 GHz -0.3197 dB
M4 : 1.8 GHz -0.3918 dB
M5 : 2 GHz -0.4352 dB
M6 : 2.1 GHz -0.5094 dB
M7 : 2.4 GHz -0.5978 dB
M8 : 2.7 GHz -0.6739 dB
M9 : 3 GHz -0.5401 dB

