



Chinmore Industry Co., Ltd.

RG174 Cable Specification

Configuration:1354 / RG174U 26AWG 7/0.16B*1C+B16/5/0.10TCCAM 90% OD:2.70MM JACKET PVC BLACK		
Component		
Conductor	Constitution(AWG/mm)	(26AWG) 7/0.16dB±0.008MM
	Material	BARE COPPER STRANDED
	Cable OD(mm)	0.49 (REF)
Insulation	NO of wire	1C
	Material	LD-PE
	OD(mm)	1.52±0.05
	Thickness(mm)	0.45(REF)
	Color	NATURAL
Braid	Constitution N/mm	16/5/0.10TCCAM
	Material	TINNED COPPER CLAD ALUMINUM Mg
	Coverage (%)	90%
Jacket	OD (mm)	2.70±0.15
	Material	PVC
	Thickness (mm)	0.30 (REF)
	Marking	E257034 ㄅ AWM 1354 105℃ 26AWG RG174/U LF
	Hardness	55P
	Color	BLACK (CODE BK0003C)
Working TEMP.	-40℃~+85℃	
Style	1354	
Electric characters:		Physical Characters:
1. Sprak test: AC-1500V/In the air 2. Dielectric strength: AC-500V / MIN 3. Insulation resistance: LD-PE DC-500V 100MΩ /KM MIN at 20℃ 4. Conductor resistance: 26AWG-142Ω /KM MAX at 20℃		1. Tensile strength test are before aging: JACKET:1500 PSI min Aged:70% min 2. Elongation before aging :JACKET: 100% min Aged :65% min

Attenuation of cable

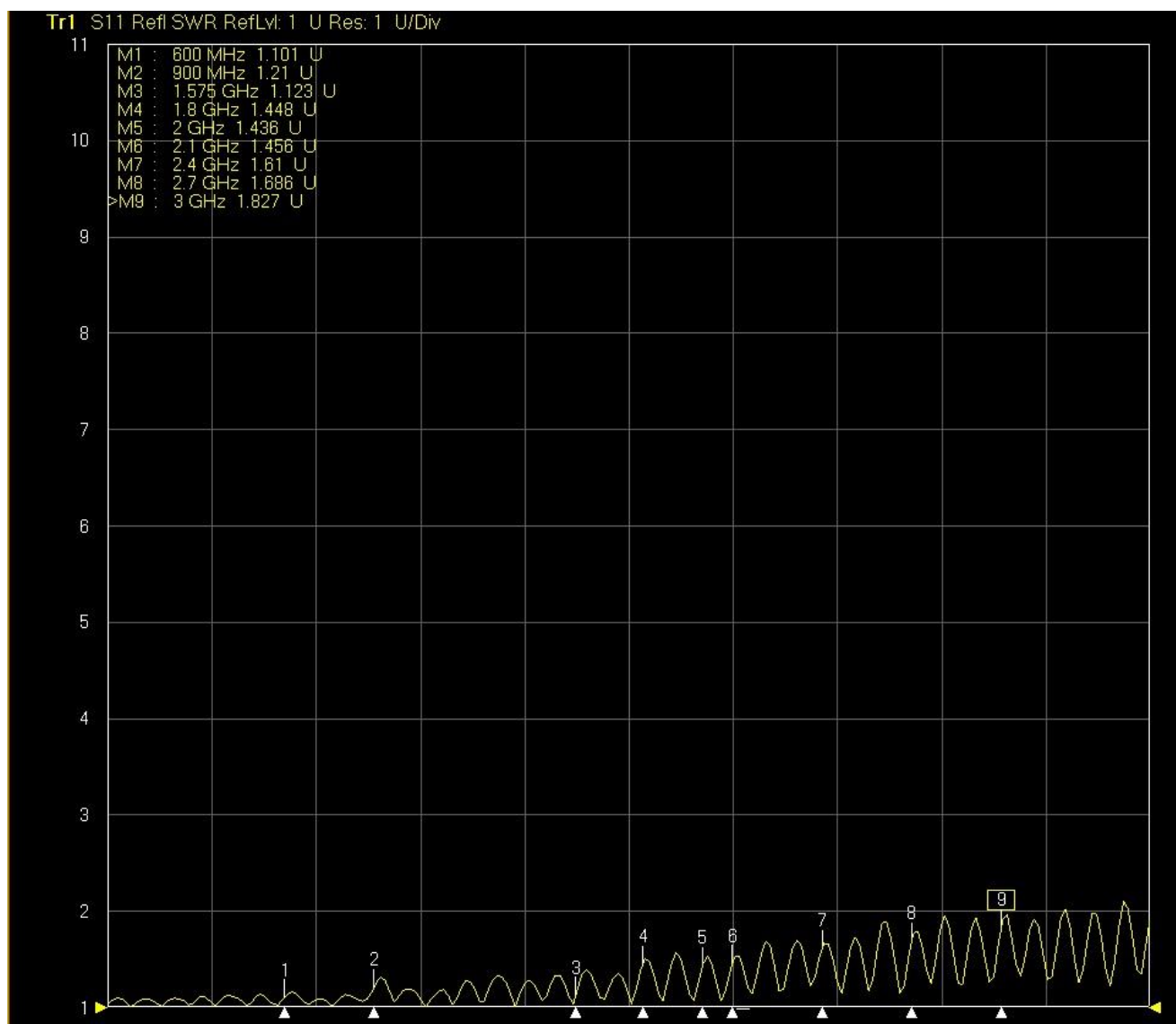
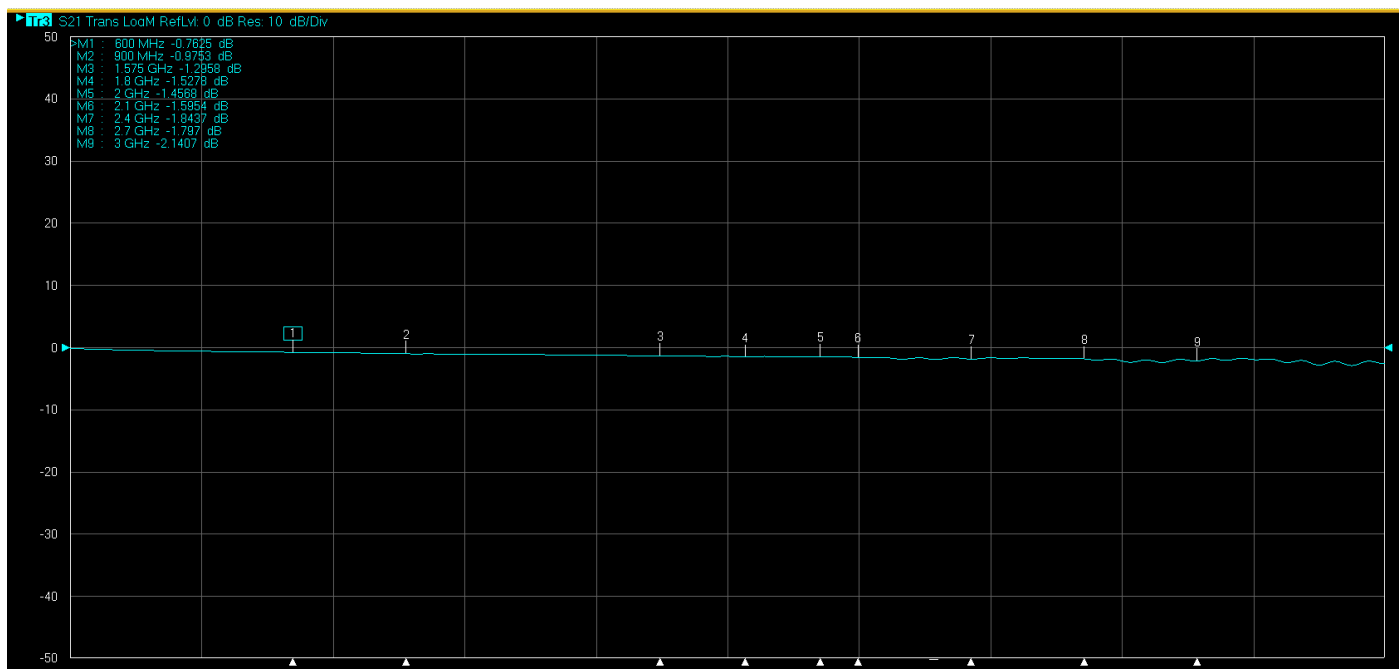
Frequency (MHz)	Attenuation(dB/1M)
600	-0.76
900	-0.97
1575	-1.29
1800	-1.52
2000	-1.45
2100	-1.59
2400	-1.84
2700	-1.79
3000	-2.14

V.S.W.R.

Frequency (MHz)	Attenuation(1M)
600	1.10
900	1.21
1575	1.12
1800	1.44
2000	1.43
2100	1.45
2400	1.61
2700	1.68
3000	1.82

Return Loss

Frequency (MHz)	Attenuation(dB/1M)
600	-0.73
900	-0.92
1575	-1.24
1800	-1.50
2000	-1.55
2100	-1.65
2400	-1.79
2700	-2.01
3000	-2.21



► **Tr2** S12 Trans LogM RefLvl: 0 dB Res: 10 dB/Div

