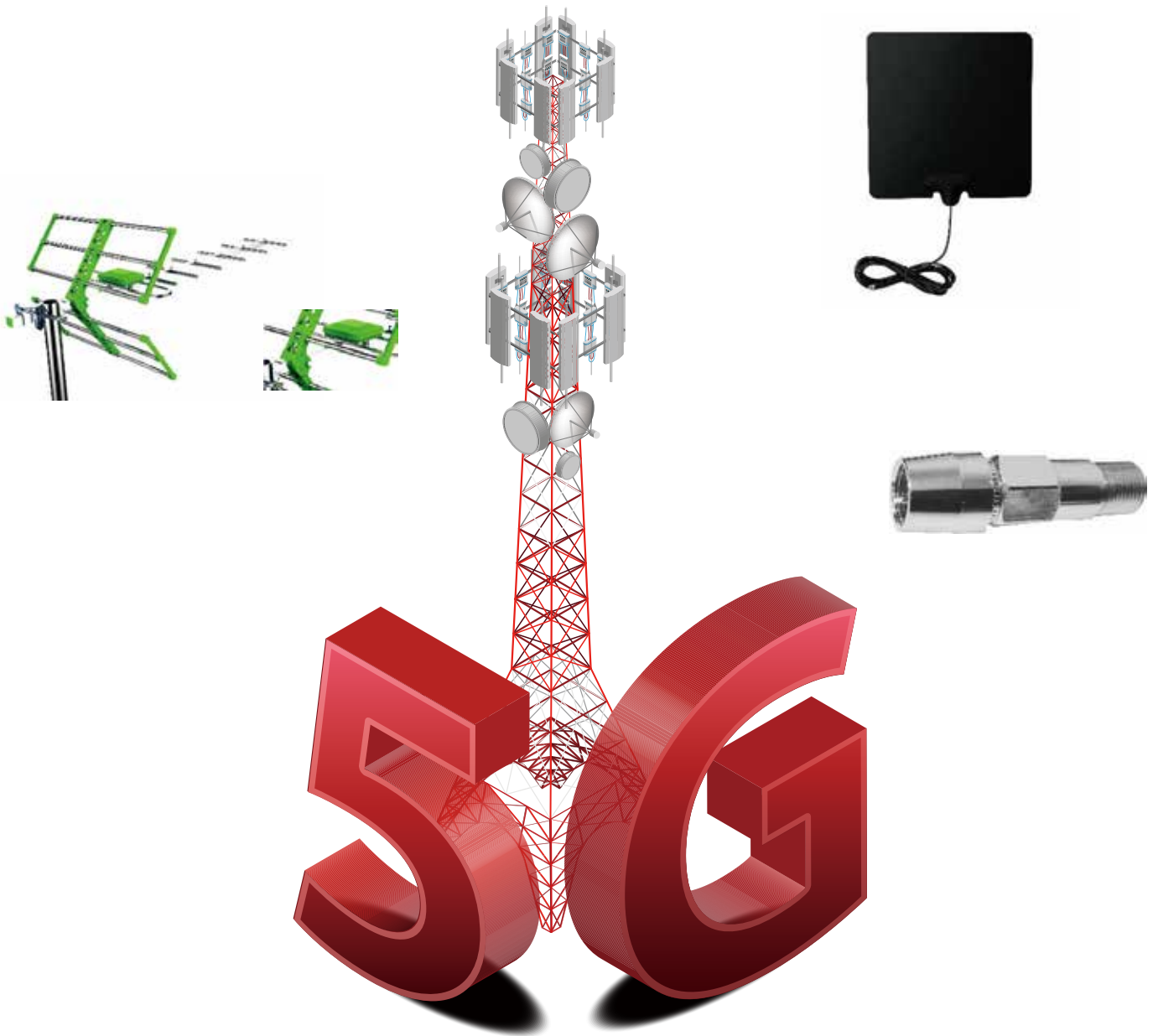


FULLSTRIKE LTD

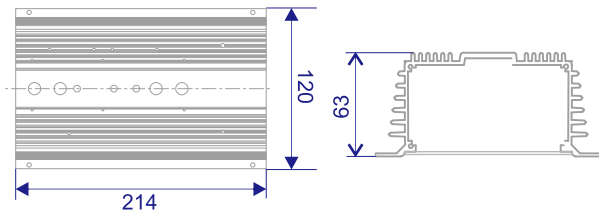
www.fullstrikegroup.com





Amplifier
 antenna 1.2
 Equalizer & Filter
 indoor splitter
 Modulator
 outdoor splitter 1.1
 Satellite



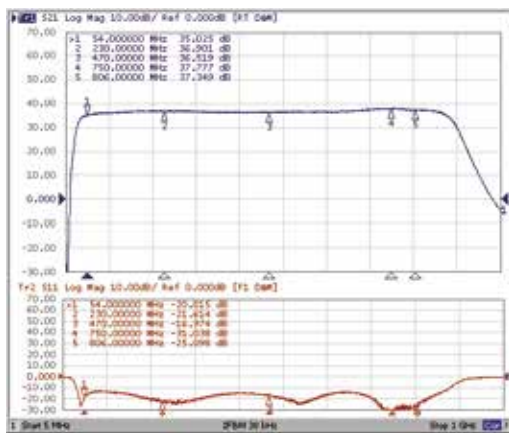


AMP-6030

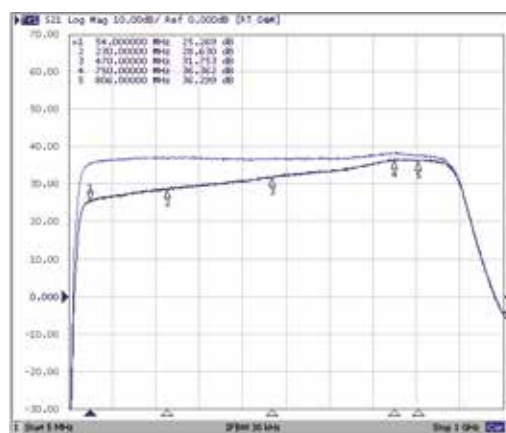
Specifications

ITEM	MODEL	
	PQAP-7500	PQAP-6350
Frequency range	54-806MHz	54-806MHz
Gain	50±2dB	35±2dB
Output level	1 (60dB mV)	1 (60dB mV)
Return loss	≥ 12dB	≥ 12dB
Noise figure	≤ 8 dB	≤ 8 dB
Test	-30dB (IN OUT)	-30dB (IN OUT)
ADJ(Gain)	18dB	18dB
ADJ(Slope)	18dB	18dB
Impedance	75Ω	75Ω
Power supply	AC :110-230V	AC :110-230V
Power	12 W	12 W
Size	190 X190 X 92	190 X190 X 92

Gain(in-out)



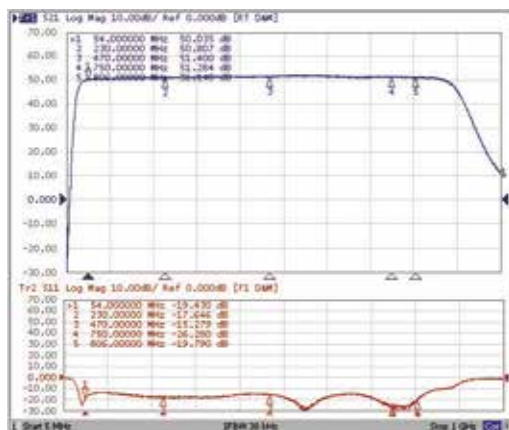
ADJ(Slope)



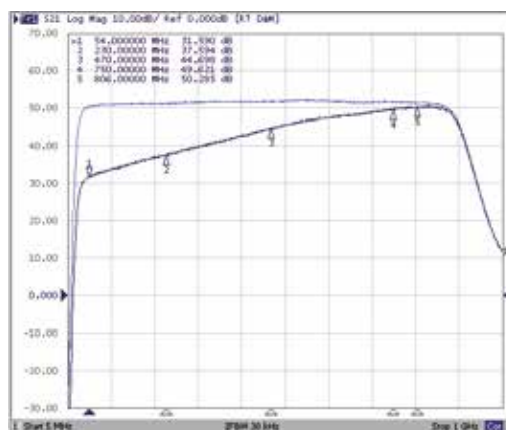
Test



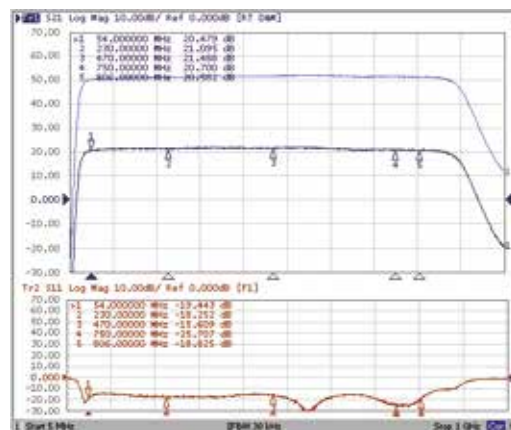
Gain(in-out)

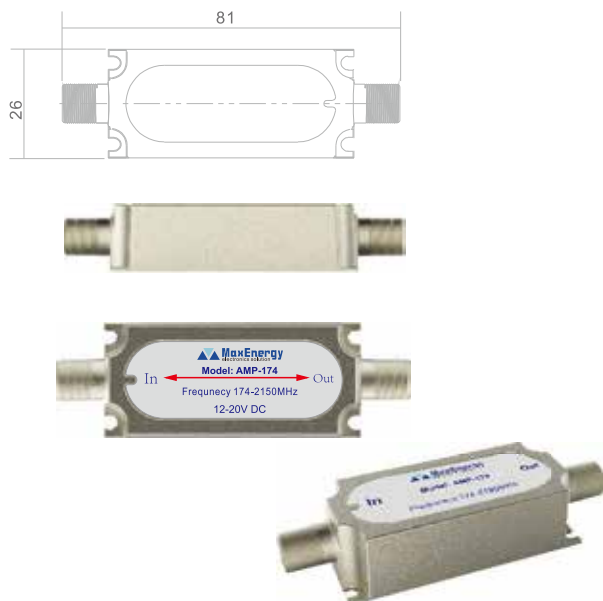


ADJ(Slope)



Test

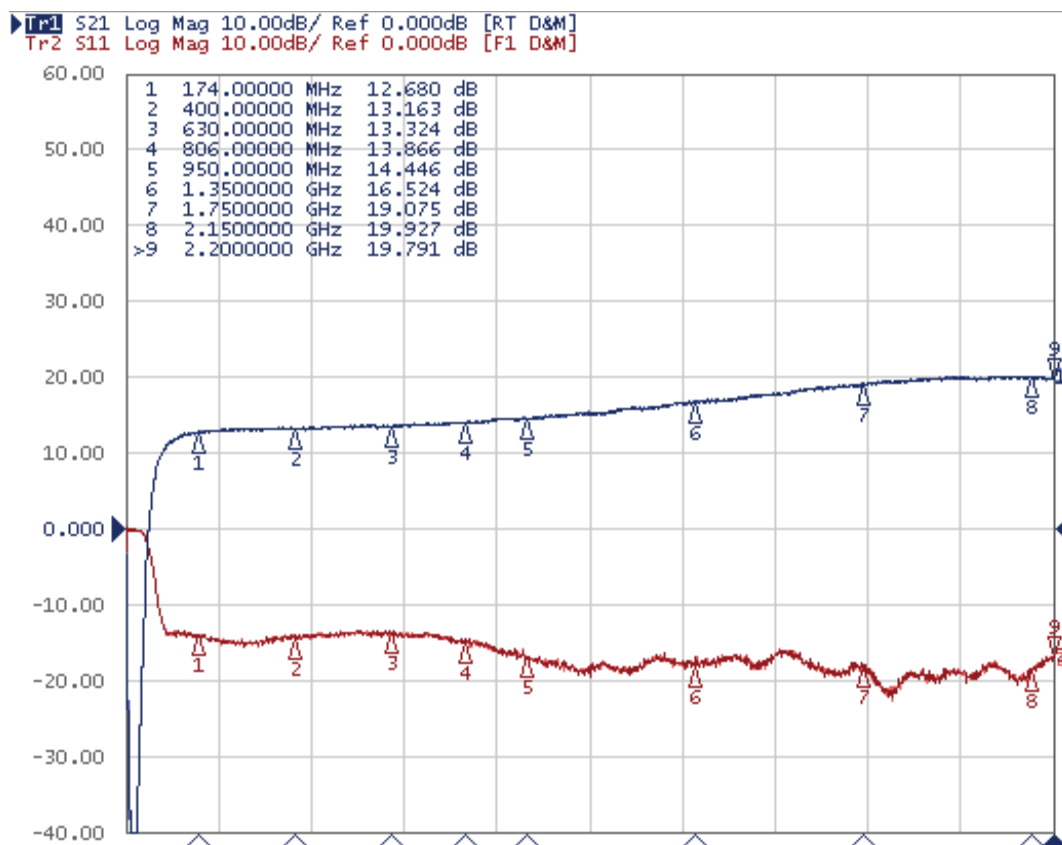




Specifications

Item	Frequency(MHz)	Test
Gain	174	12±1dB
	630	13±1dB
	806	14±1dB
	905	15±1dB
	1350	17±1dB
	1750	19±1dB
	2150	20±1dB
Frequency range	174-2150 MHz	
Return loss	≥ 11 dB	
Noise figure	≤ 6 dB	
Tone control	22±2 KHz	
Intermodulation	40 dBc@ -5 dBm	
Impedance	75 Ω	
LNB Voltage	18±2 V	
Power supply	11-20 V DC ≤ 60 mA	

Gain & Return loss →



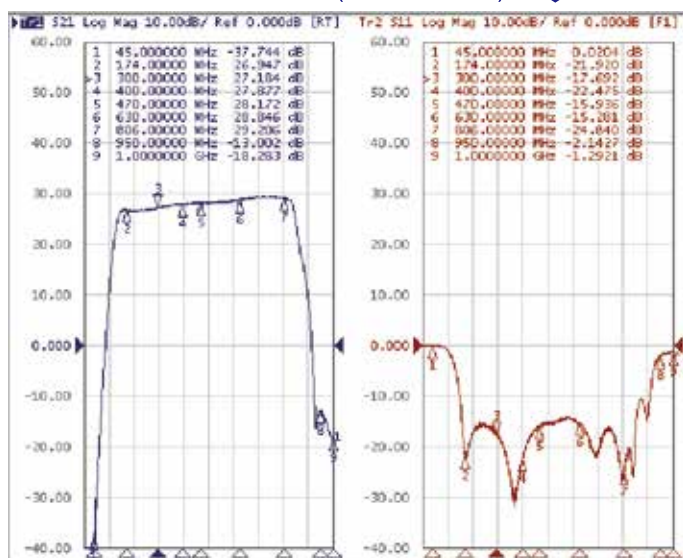
Specifications

Item	AMP-174	AMP-900	AMP-005	AMP-950
Gain	20	20	20	20
Frequency Range(MHz)	174-2150	900-2300	5-2400	950-2400
Impedance(Ω)	75	75	75	75
Power Supply(V)	DC 12-20V	DC 12-20V	DC 12-20V	DC 12-20V

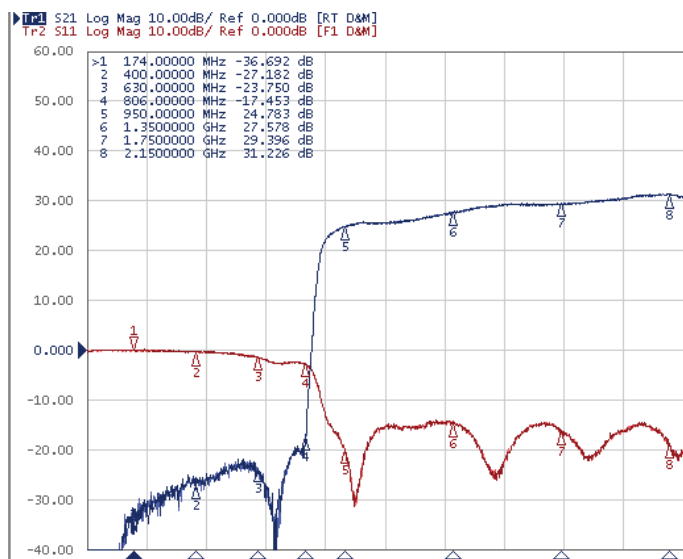


Model:AMP-1738

Gain & Return loss TV-OUT(174-806MHz) ↓



Gain & Return loss SAT-OUT(950-2150MHz) ↓



Specifications

ITEM	Test
Gain(TV)	27±2dB@174MHz
	28±2dB@400MHz
	29±2dB@630MHz
	30±2dB@806MHz
Gain(SAT)	25±2dB@950MHz
	27±2dB@1350MHz
	29±2dB@1750MHz
	31±2dB@2150MHz
Frequency range	174-806MHz / 950-2150MHz
Return loss	≥ 9 dB
Noise figure	≤ 6 dB
Intermodulation	60dBc@48dBmV
Isolation between ports	≥ 20 dB
ADJ(TV)	20-3 dB
Impedance	75Ω
LNB Voltage	18-2 V
LNB Current	≥ 400 mA
Short circuit protection	≤ 800 mA
Power supply	AC :90-230V

Isolation between ports (TV/IN-SAT/IN) ↓





AMP-1702F



AMP-1703F



AMP-1708F

Specifications

ITEM	MODEL			
	AMP-1702F	AMP-1703F	AMP-1704F	AMP-1706F
Inputs	1	1	2	2
Outputs	1	2	4	6
Frequency range	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz
Gain	20±2dB	18±2dB	12±2dB	12±2dB
Output level	102dBuV	102dBuV	102dBuV	102dBuV
Return loss	≥ 12dB	≥ 12dB	≥ 12dB	≥ 12dB
Noise figure	≤ 3 dB	≤ 3 dB	≤ 3 dB	≤ 3 dB
Impedance	75Ω	75Ω	75Ω	75Ω
Power supply	AC :110-230V	AC :110-230V	AC :110-230V	AC :110-230V
Power	3 W	3 W	3 W	3 W
Size				



Specifications

ITEM	MODEL			
	AMP-1731	AMP-1732	AMP-1734	AMP-1736
Inputs	1	1	1	1
Outputs	1	2	4	6
Frequency range	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz
Gain	20±2dB	18±2dB	12±2dB	12±2dB
Output level	102dBuV	102dBuV	102dBuV	102dBuV
Return loss	≥ 12dB	≥ 12dB	≥ 12dB	≥ 12dB
Noise figure	≤ 3 dB	≤ 3 dB	≤ 3 dB	≤ 3 dB
Impedance	75Ω	75Ω	75Ω	75Ω
Power supply	AC :110-230V	AC :110-230V	AC :110-230V	AC :110-230V
Power	3 W	3 W	3 W	3 W
Size				



Specifications

ITEM	MODEL			
	AMP-1721	AMP-1722	AMP-1724	AMP-1726
Inputs	1	1	2	2
Outputs	1	2	4	6
Frequency range	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz
Gain	20±2dB	18±2dB	12±2dB	12±2dB
Output level	102dBuV	102dBuV	102dBuV	102dBuV
Return loss	≥ 12dB	≥ 12dB	≥ 12dB	≥ 12dB
Noise figure	≤ 3 dB	≤ 3 dB	≤ 3 dB	≤ 3 dB
Impedance	75Ω	75Ω	75Ω	75Ω
Power supply	AC :110-230V	AC :110-230V	AC :110-230V	AC :110-230V
Power	3 W	3 W	3 W	3 W
Size				



AMP-1726

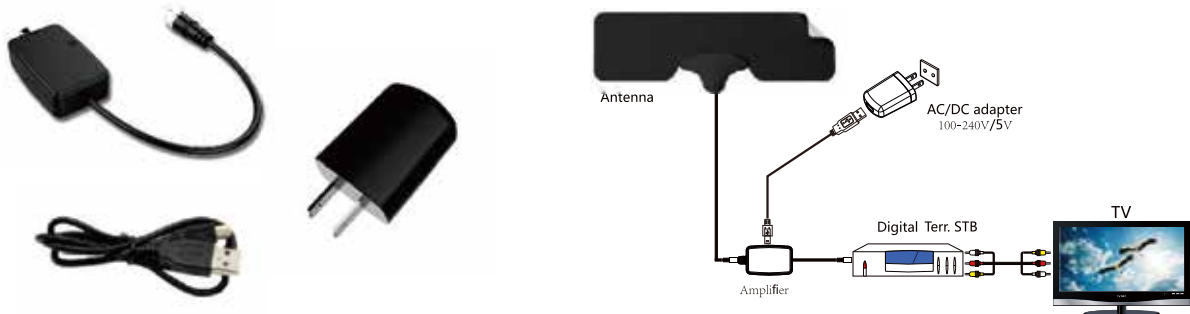
Specifications

ITEM	MODEL			
	AMP-1711	AMP-1712	AMP-1713	AMP-1714
Inputs	1	1	1	2
Outputs	1	2	1	2
Frequency range	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz
Gain	20±2dB	18±2dB	12±2dB	12±2dB
Output level	102dBuV	102dBuV	102dBuV	102dBuV
Return loss	≥ 12dB	≥ 12dB	≥ 12dB	≥ 12dB
Noise figure	≤ 3 dB	≤ 3 dB	≤ 3 dB	≤ 3 dB
Impedance	75Ω	75Ω	75Ω	75Ω
Power supply	AC :110-230V	AC :110-230V	AC :110-230V	AC :110-230V
Power	3 W	3 W	3 W	3 W
Size				



Specifications

ITEM	MODEL			
	AMP-1741	AMP-1742	AMP-1744	
Inputs	1	1	1	
Outputs	1	2	4	
Frequency range	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz	
Gain	20±2dB	18±2dB	12±2dB	
Output level	102dBuV	102dBuV	102dBuV	
Return loss	≥ 12dB	≥ 12dB	≥ 12dB	
Noise figure	≤ 3 dB	≤ 3 dB	≤ 3 dB	
Impedance	75Ω	75Ω	75Ω	
Power supply	AC :110-230V	AC :110-230V	AC :110-230V	
Power	3 W	3 W	3 W	
Size				



AMP-1741

Specifications

ITEM	MODEL			
	AMP-1761	AMP-1762	AMP-1763	AMP-1764
Inputs	1	1	1	1
Outputs	1	1	1	1
Frequency range	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz
Gain	20±1dB	18±1dB	12±1dB	12±1dB
Output level	105dBuV	105dBuV	105dBuV	105dBuV
Return loss	≥ 12dB	≥ 12dB	≥ 12dB	≥ 12dB
Noise figure	≤ 3 dB	≤ 3 dB	≤ 3 dB	≤ 3 dB
Impedance	75Ω	75Ω	75Ω	75Ω
Power supply	AC :110-230V	AC :110-230V	AC :110-230V	AC :110-230V
Power	2 W	2 W	2 W	2 W
Size				



AMP-1752



Specifications

ITEM	MODEL			
	AMP-1752	AMP-1753	AMP-1754	AMP-1755
Inputs	1	1	2	2
Outputs	1	2	2	3
Frequency range	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz	45-230MHz/470-862MHz
Gain	20±2dB	18±2dB	12±2dB	12±2dB
Output level	102dBuV	102dBuV	102dBuV	102dBuV
Return loss	≥ 12dB	≥ 12dB	≥ 12dB	≥ 12dB
Noise figure	≤ 3 dB	≤ 3 dB	≤ 3 dB	≤ 3 dB
Impedance	75Ω	75Ω	75Ω	75Ω
Power supply	DC 12V 150mA	DC 12V 150mA	DC 12V 150mA	DC 12V 150mA
Power	3 W	3 W	3 W	3 W
Size				

Technical Parameters:

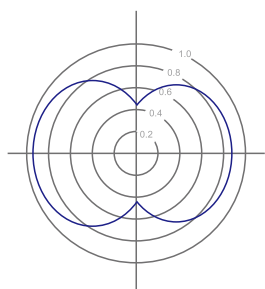
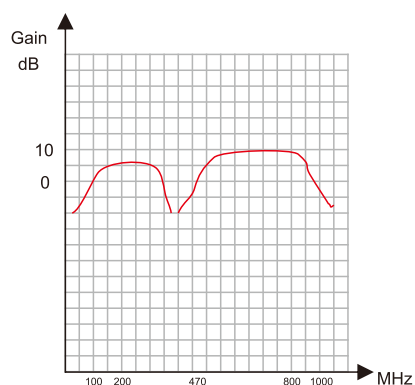
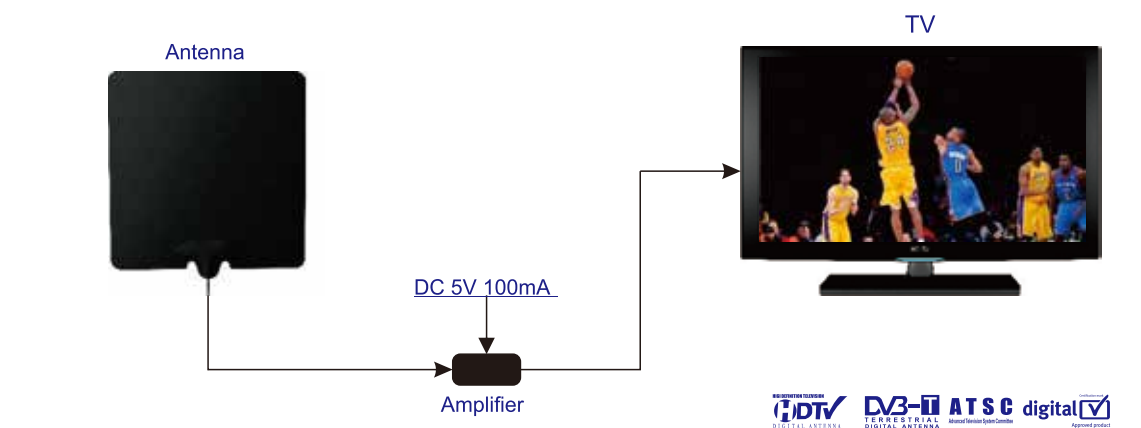
- Gain:9dBi
- Output Impedance:75Ω
- Standing Wave Ratio:≤1.5
- Operation Frequency: 47-860 MHz

Amplifier

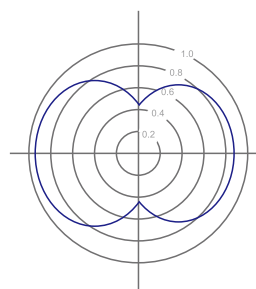
- Gain:20dB
- Noise Figure:≤2
- Operation Frequency: 47-862 MHz



Amplifier



Vertical plane



Horizontal plane

HDTV Indoor Antenna



ANT-1670



ANT-1672

Specifications



Model	ANT-1670	ANT-1671	ANT-1672	ANT-1673
Frequency	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ
Gain	VHF:4-6dB UHF:4-6dB	VHF:4-6dB UHF:4-6dB	VHF:4-5dB UHF:4-6dB	VHF:4-5dB UHF:4-6dB
Amplifier Gain	-	VHF:20dB UHF:20dB	-	VHF:20dB UHF:20dB
Output resistance	75 Ω	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB	≤ 2dB
Power		DC 5V 150mA		DC 5V 150mA
Output	1.5m RG174 cable			



ANT-1660



ANT-1674

Specifications



Model	ANT-1660	ANT-1661	ANT-1674	ANT-1675
Frequency	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ
Gain	VHF:3-6dB UHF:4-6dB	VHF:3-6dB UHF:4-6dB	VHF:3-5dB UHF:4-6dB	VHF:3-5dB UHF:4-6dB
Amplifier Gain	-	VHF:20dB UHF:20dB	-	VHF:20dB UHF:20dB
Output resistance	75 Ω	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB	≤ 2dB
Power		DC 5V 150mA		DC 5V 150mA
Output	1.5m RG174 cable			



ANT-1692



ANT-1684

Specifications



Model	ANT-1692	ANT-1693	ANT-1684	ANT-1685
Frequency	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ
Gain	VHF:3-5dB UHF:4-6dB	VHF:3-5dB UHF:4-6dB	VHF:3-5dB UHF:4-6dB	VHF:3-5dB UHF:4-6dB
Amplifier Gain	-	VHF:20dB UHF:20dB	-	VHF:20dB UHF:20dB
Output resistance	75 Ω	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB	≤ 2dB
Power		DC 5V 150mA		DC 5V 150mA
Output	1.5m RG59 cable			



ANT-1694



ANT-1676

Specifications



Model	ANT-1694	ANT-1695	ANT-1676	ANT-1677
Frequency	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ
Gain	VHF:3-5dB UHF:4-6dB	VHF:3-5dB UHF:4-6dB	VHF:3-5dB UHF:4-6dB	VHF:3-5dB UHF:4-6dB
Amplifier Gain	-	VHF:20dB UHF:20dB	-	VHF:20dB UHF:20dB
Output resistance	75 Ω	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB	≤ 2dB
Power		DC 5V 150mA		DC 5V 150mA
Output	1.5m RG59 cable			



ANT-1680



ANT-1682



ANT-1683

Specifications



Model	ANT-1680	ANT-1681	ANT-1682	ANT-1683
Frequency	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ
Gain	VHF:2-3dB UHF:4-6dB	VHF:20dB UHF:22dB	VHF:3-5dB UHF:4-6dB	VHF:22dB UHF:24dB
Amplifier Gain	-	VHF:20dB UHF:20dB	-	VHF:20dB UHF:20dB
Output resistance	75 Ω	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB	≤ 2dB
Power		DC 5V 150mA		DC 5V 150mA
Output	1.5m RG59 cable			



ANT-1687



ANT-1689

Specifications



Model	ANT-1686	ANT-1687	ANT-1688	ANT-1689
Frequency	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ
Gain	VHF:3-5dB UHF:4-6dB	VHF:3-5dB UHF:4-6dB	VHF:3-5dB UHF:4-6dB	VHF:3-5dB UHF:4-6dB
Amplifier Gain	-	VHF:20dB UHF:20dB	-	VHF:20dB UHF:20dB
Output resistance	75 Ω	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB	≤ 2dB
Power		DC 5V 150mA		DC 5V 150mA
Output	1.5m RG174 cable			



ANT-111



ANT-113



ANT-133

Specifications



Model	ANT-111	ANT-112	ANT-113	ANT-133
Frequency	VHF:45-230MHz UHF:470-862(790)MHZ	174-862(790)MHZ	174-862(790)MHZ	174-862(790)MHZ
Gain	VHF:2-3dB UHF:4-6dB	4-6dB	4-6dB	4-6dB
Amplifier Gain	-	20dB	-	-
Output resistance	75 Ω	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB	≤ 2dB
Power		DC 5V 150mA		DC 5V 150mA
Output	1.5m RG174 cable			



ANT-130



ANT-137



ANT-139

Specifications



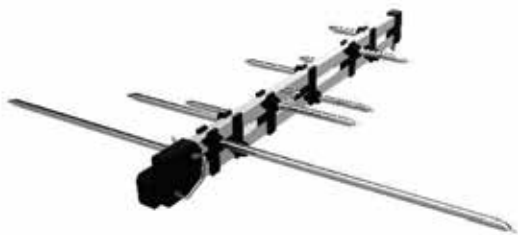
Model	ANT-130	ANT-137	ANT-138	ANT-139
Frequency	174-862(790)MHZ	174-862(790)MHZ	174-862(790)MHZ	174-862(790)MHZ
Gain	4-6dB	4-6dB	4-6dB	2-4dB
Amplifier Gain	-	VHF:20dB UHF:20dB	-	VHF:20dB UHF:20dB
Output resistance	75 Ω	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB	≤ 2dB
Power		DC 5V 150mA		DC 5V 150mA
Output	1.5m RG174 cable			

HDTV Indoor Antenna

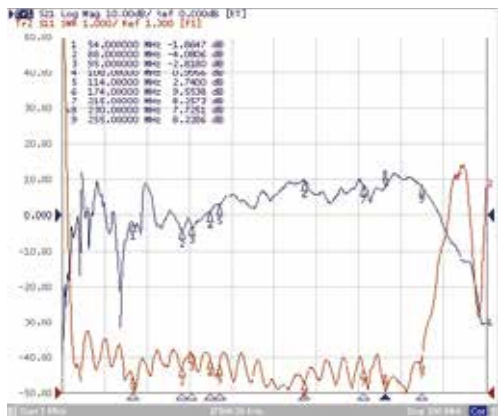


Specifications

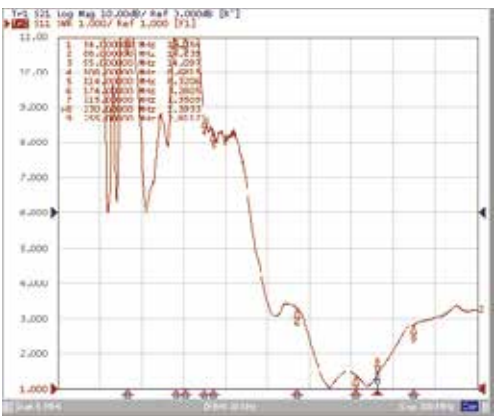
Model	ANT-814
Frequency	470-862MHz
Gain	≥12dB
Output resistance	75 Ω
VSWR	≤ 2dB
Polarization	H/V
Size(cm)	56 X 8 X 6



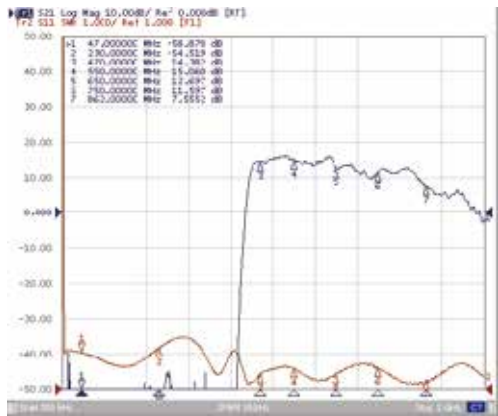
ANT-814



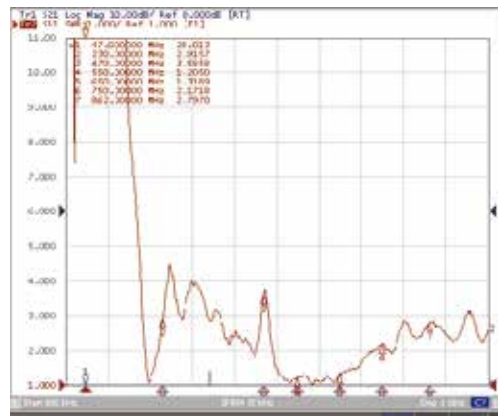
Antenna VHF Gain



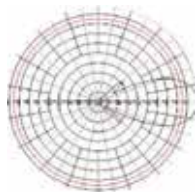
Antenna VHF VSWR



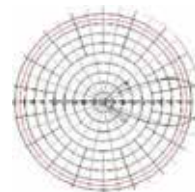
Antenna UHF Gain



Antenna UHF VSWR



Vertical plane



Horizontal plane

HDTV Indoor Antenna

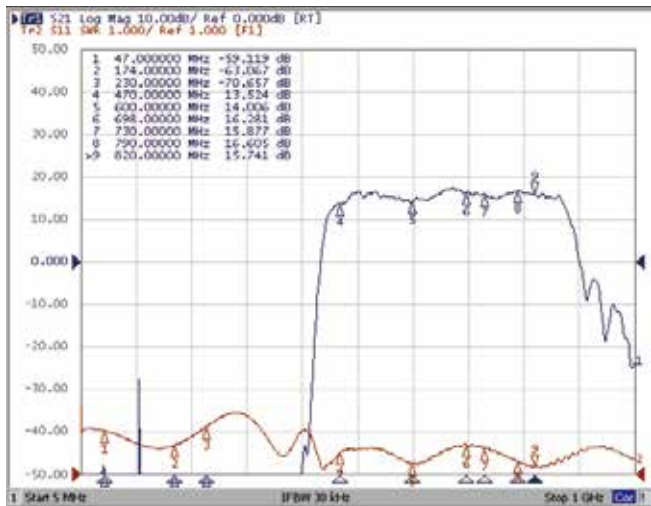


ANT-843

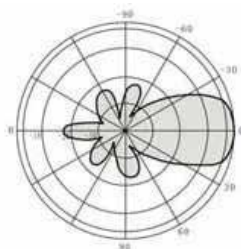
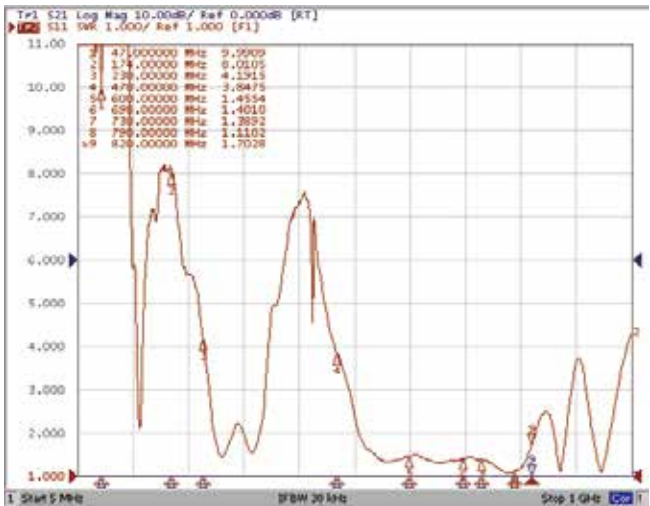
Specifications

Model	ANT-843
Frequency	470-862MHz
Gain	≥ 12dB
Output resistance	75 Ω
VSWR	≤ 2dB
Polarization	H/V
Size(cm)	88 X 18 X 4.5

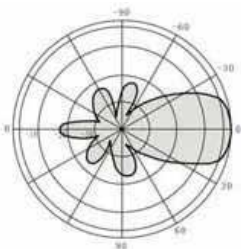
● Antenna Gain



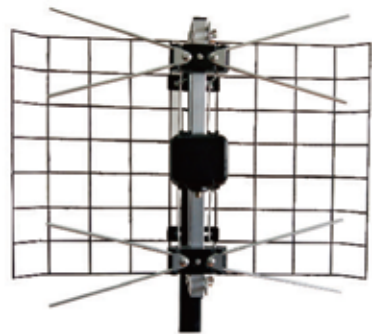
● Antenna VSWR



Vertical plane



Horizontal plane



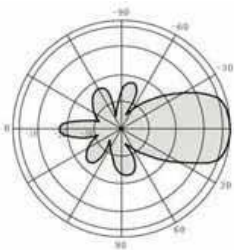
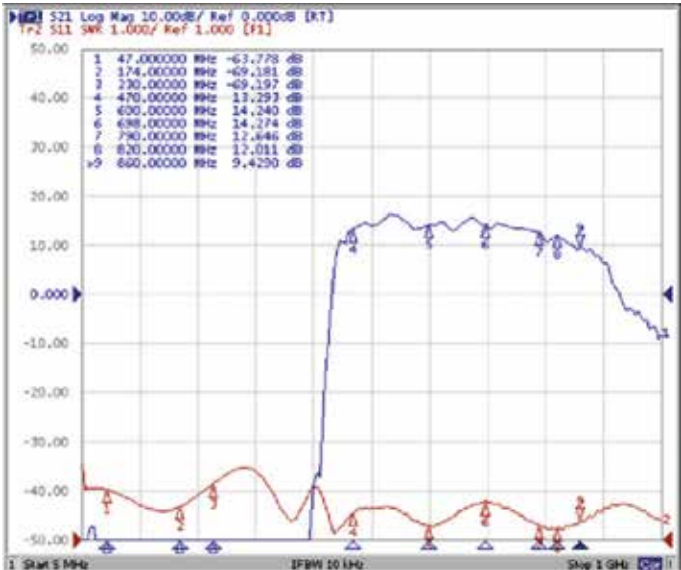
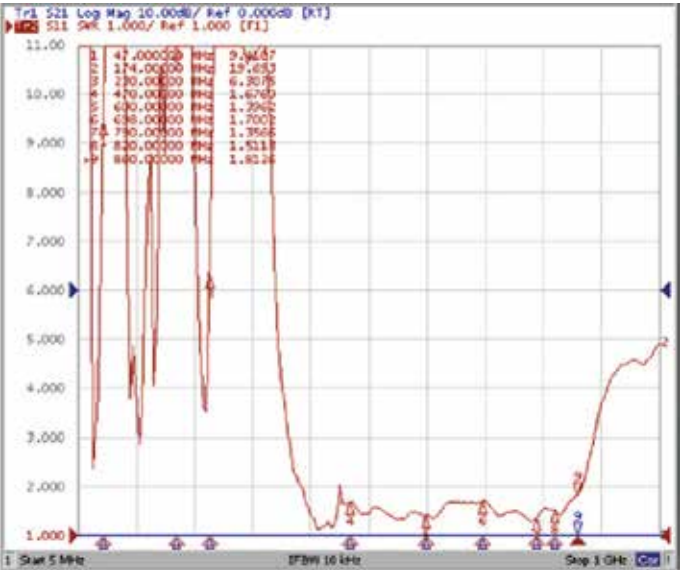
ANT-823

Specifications

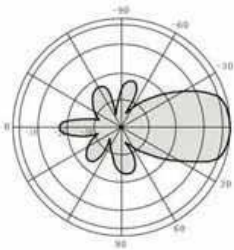
Model	ANT-823
Frequency	470-862MHz
Gain	≥ 10dB
Output resistance	75 Ω
VSWR	≤ 2dB
Size(cm)	36.5 X 35.5 X 14.5

■ Antenna VSWR

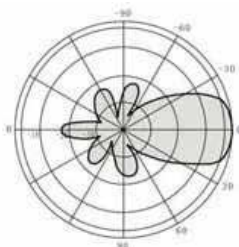
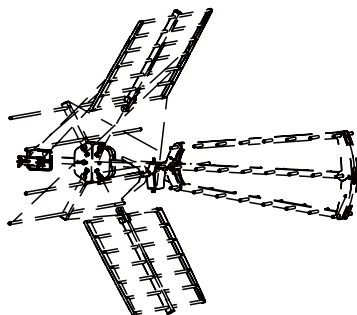
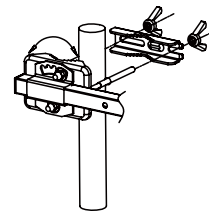
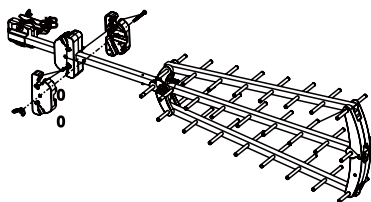
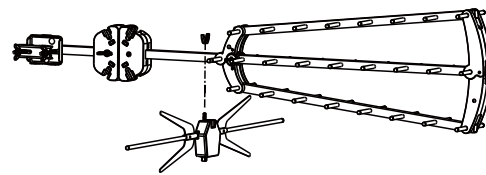
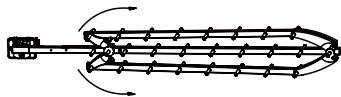
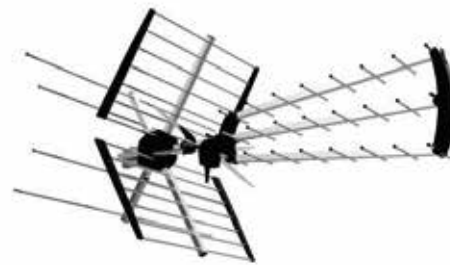
■ Antenna Gain



Vertical plane



Horizontal plane



Horizontal plane



ANT-801



ANT-802



ANT-803

Specifications



Model	ANT-801	ANT-802	ANT-803
Frequency	470-862(790)MHZ	470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ
Gain	15dB	13dB	16dB
Output resistance	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB
Polarization	H/V	H/V	H/V
Size(cm)			



ANT-832E



ANT-828E



ANT-820E

Specifications



Model	ANT-832E	ANT-828E	ANT-820E
Frequency	VHF:45-230MHz UHF:470-862(790)MHz	470-862(790)MHZ	470-862(790)MHZ
Gain	12dB	12dB	9dB
Output resistance	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB
Polarization	H/V	H/V	H/V
Size(cm)			



ANT-861



ANT-862



ANT-863

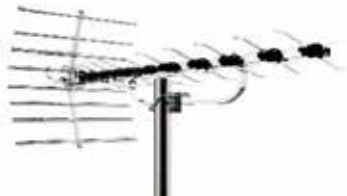
Specifications



Model	ANT-861	ANT-862	ANT-863
Frequency	470-862(790)MHZ	470-862(790)MHZ	VHF:45-230MHz UHF:470-862(790)MHZ
Gain	15dB	8dB	8dB
Output resistance	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB
Polarization	H/V	H/V	H/V
Size(cm)			



ANT-864



ANT-865



ANT-866

Specifications



Model	ANT-864	ANT-865	ANT-866
Frequency	VHF:45-230MHz UHF:470-862(790)MHz	470-862(790)MHZ	470-862(790)MHZ
Gain	16dB	17dB	19dB
Output resistance	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB
Polarization	H/V	H/V	H/V
Size(cm)			



ANT-840



ANT-841



ANT-867

Specifications



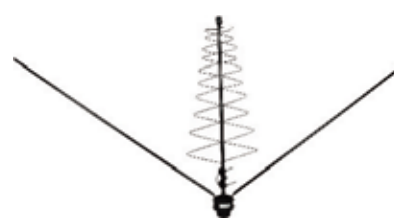
Model	ANT-840	ANT-802	ANT-803
Frequency	470-862(790)MHZ	470-862(790)MHZ	VHF:45-230MHZ UHF:470-862(790)MHZ
Gain	12dB	7dB	13dB
Output resistance	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB
Polarization	H/V	H/V	H/V
Size(cm)			



ANT-871



ANT-872

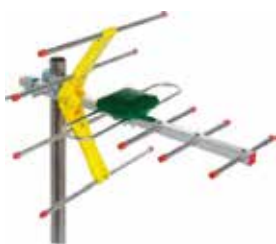


ANT-873

Specifications



Model	ANT-832E	ANT-828E	ANT-820E
Frequency	VHF:45-230MHz UHF:470-862(790)MHz	470-862(790)MHZ	470-862(790)MHZ
Gain	14dB	11dB	14dB
Output resistance	75 Ω	75 Ω	75 Ω
VSWR	≤ 2dB	≤ 2dB	≤ 2dB
Polarization	H/V	H/V	H/V
Size(cm)			



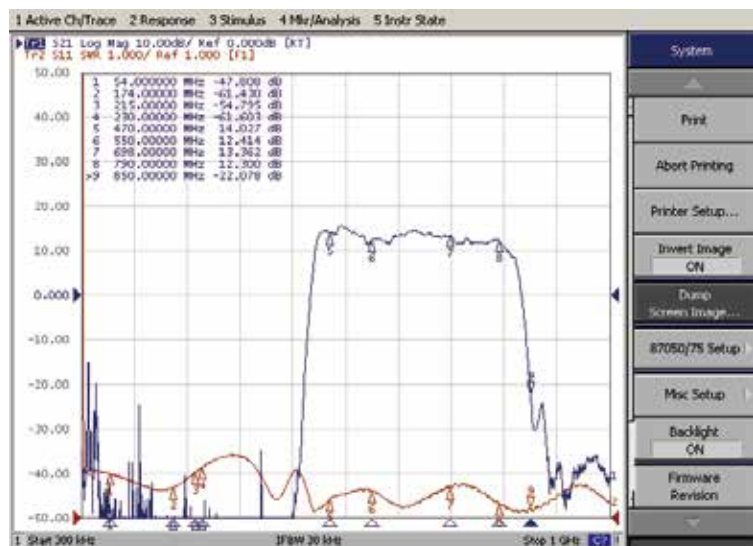
ANT-840

Specifications

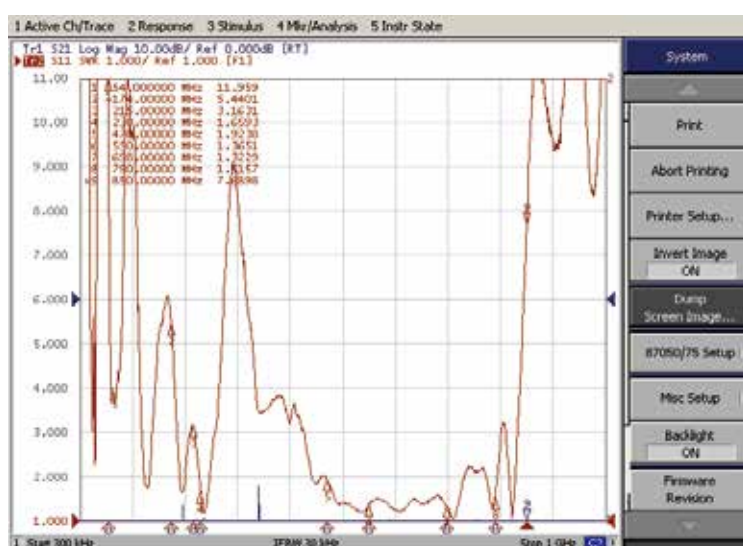


Model	ANT-840		
Frequency	470-862(790)MHZ		
Gain	10dB		
Output resistance	75 Ω		
VSWR	≤ 2 dB		
Polarization	H/V		
Size(cm)			

■ Antenna Gain

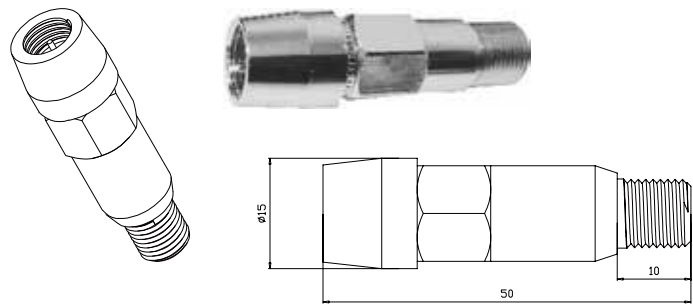


■ Antenna VSWR



Equalize

Small and Light Weight
SMD, High Stability
Wide Band, Up to 1000(1218 1675) MHz
Excellent Return Loss
Suitable for CATV/MMDS
Waterproof (alternative)
size:50X15mm weight:24.7g



Items

Model	Slope	Return Loss	Frequency Range
MEQ1G-3	3dB	>20dB	5-1000MHz
MEQ1G-5	5dB	>20dB	5-1000MHz
MEQ1G-6	6dB	>20dB	5-1000MHz
MEQ1G-7	7dB	>20dB	5-1000MHz
MEQ1G-9	9dB	>20dB	5-1000MHz
MEQ1G-12	12dB	>20dB	5-1000MHz

Items DOCSIS 3.1

Model	Slope	Return Loss	Frequency Range
MEQ12G-3	3dB	>18dB	5-1218MHz
MEQ12G-5	5dB	>18dB	5-1218MHz
MEQ12G-6	6dB	>18dB	5-1218MHz
MEQ12G-7	7dB	>18dB	5-1218MHz
MEQ12G-9	9dB	>18dB	5-1218MHz
MEQ12G-12	12dB	>18dB	5-1218MHz

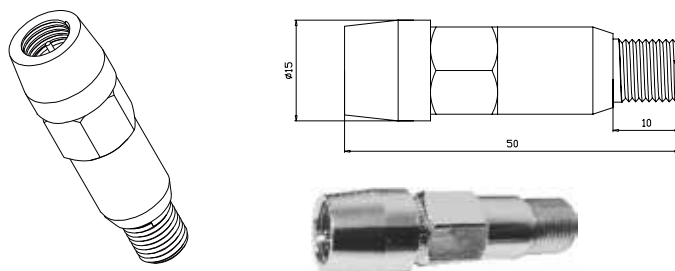
Items MOCa

Model	Slope	Return Loss	Frequency Range
MEQ16G-3	3dB	>16dB	5-1675MHz
MEQ16G-5	5dB	>16dB	5-1675MHz
MEQ16G-6	6dB	>16dB	5-1675MHz
MEQ16G-7	7dB	>16dB	5-1675MHz
MEQ16G-9	9dB	>16dB	5-1675MHz
MEQ16G-12	12dB	>16dB	5-1675MHz

MEQ1G-6 Equalize

Features

- Small and Light Weight
- SMD, High Stability
- Wide Band, Up to 1000 MHz
- Excellent Return Loss
- Suitable for CATV/MMDS
- Waterproof (alternative)

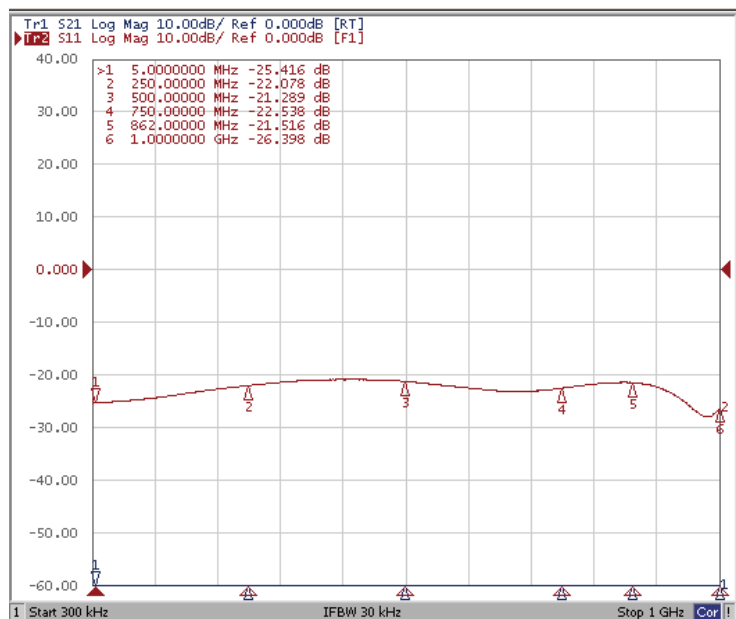


5-1000 MHz / slope 6dB / waterproof

Insertion Loss ➡



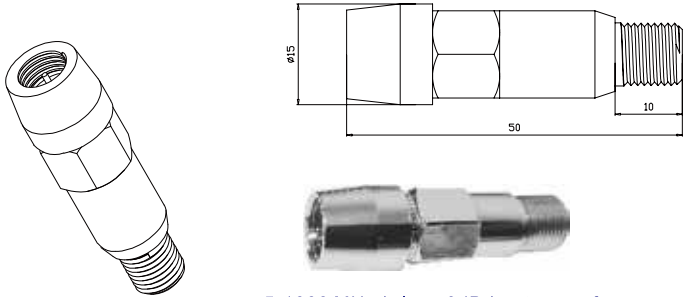
Return Loss ➡



MEQ1G-9 Equalize

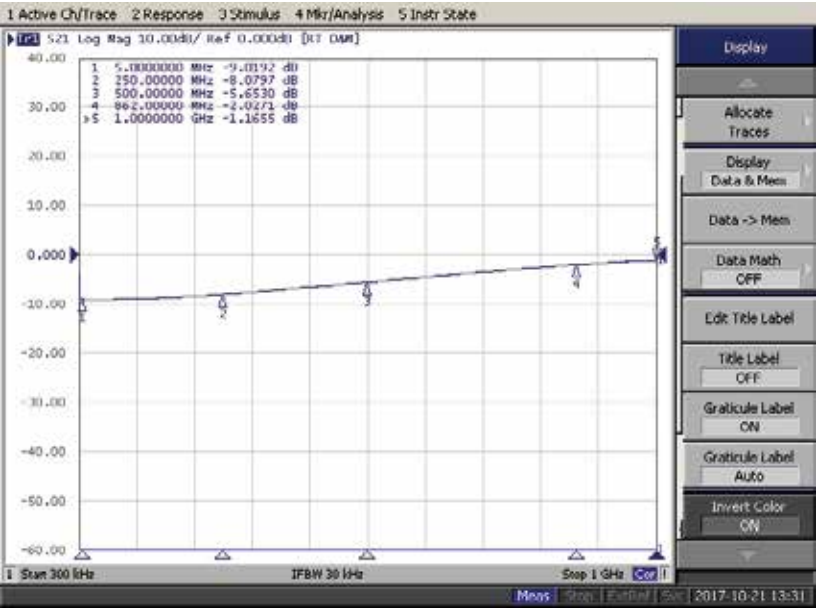
Features

- Small and Light Weight
- SMD, High Stability
- Wide Band, Up to 1000 MHz
- Excellent Return Loss
- Suitable for CATV/MMDS
- Waterproof (alternative)

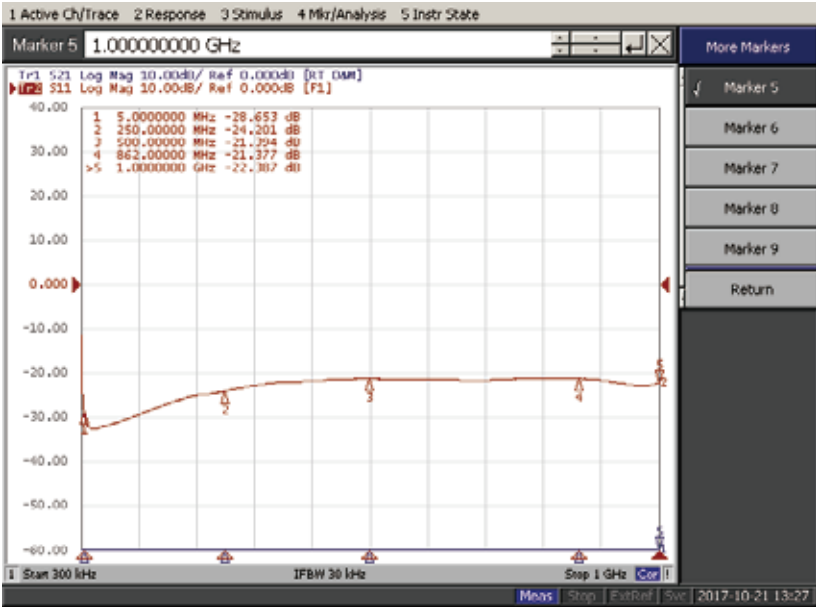


5-1000 MHz / slope 9dB / waterproof

Insertion Loss



Return Loss



Attenuator

Features

- Mini Size (12.5x30mm)
- Excellent Return Loss
- Waterproof (alternative)
- Suitable for TV, CATV and 75ohm RF communication systems
- Impedance 75 ohm
- DC Block
- size:43X12.6mm weight:15.8g



Items

Model	Attenuation	Return Loss	Frequency Range
MAT1G-3	3dB	>25dB	5-1000MHz
MAT1G-6	6dB	>25dB	5-1000MHz
MAT1G-9	9dB	>25dB	5-1000MHz
MAT1G-12	12dB	>25dB	5-1000MHz
MAT1G-16	16dB	>25dB	5-1000MHz
MAT1G-18	18dB	>25dB	5-1000MHz

Items DOCSIS 3.1

Model	Attenuation	Return Loss	Frequency Range
MAT12G-3	3dB	>23dB	5-1218MHz
MAT12G-6	6dB	>23dB	5-1218MHz
MAT12G-9	9dB	>23dB	5-1218MHz
MAT12G-12	12dB	>23dB	5-1218MHz
MAT12G-16	16dB	>23dB	5-1218MHz
MAT12G-18	18dB	>23dB	5-1218MHz

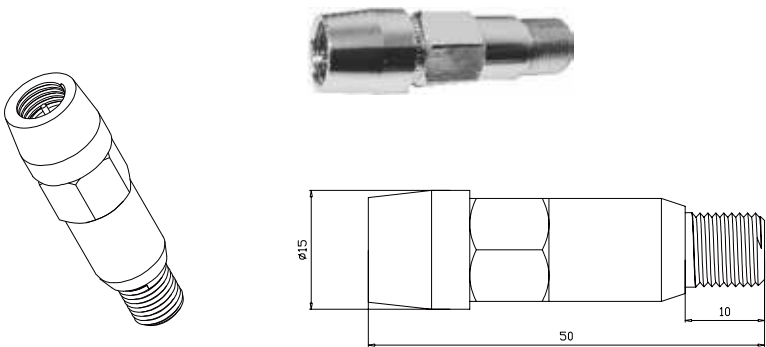
Items MCCA

Model	Attenuation	Return Loss	Frequency Range
MAT25G-3	3dB	>20dB	5-2500MHz
MAT25G-6	6dB	>20dB	5-2500MHz
MAT25G-9	9dB	>20dB	5-2500MHz
MAT25G-12	12dB	>20dB	5-2500MHz
MAT25G-16	16dB	>20dB	5-2500MHz
MAT25G-18	18dB	>20dB	5-2500MHz

Mini Low Pass Filter

Features

- CE Approved, Class A RFI Shielding
- Small and Light Weight
- SMD, High Stability
- Wide Band, Up to 1GHz
- High Rejection : 50dB(typ)
- Low Loss
- Excellent Return Loss
- Waterproof
- Suitable for LTE, MoCA, CATV, Cablenet and other communication systems
- size:50X15mm weight:24.7g



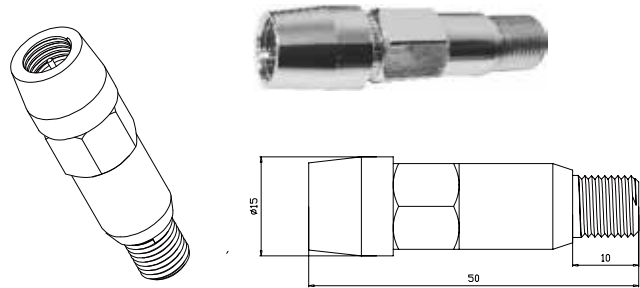
Items

Model	Pass Band Insertion Loss	Return Loss	Frequency Range
MFT-30M	0.5-3.5dB	>18dB	5-30MHz
MFT-40M	0.5-3.5dB	>18dB	5-40MHz
MFT-65M	0.5-3.5dB	>18dB	5-65MHz
MFT-85M	0.5-3.5dB	>18dB	5-85MHz
MFT-108M	0.5-3.5dB	>18dB	5-108MHz
MFT-174M	0.5-3.5dB	>18dB	5-174MHz
MFT-216M	0.5-3.5dB	>18dB	5-216MHz
MFT-230M	0.5-3.5dB	>18dB	5-230MHz
MFT-470M	0.5-3.5dB	>18dB	5-470MHz
MFT-650M	0.5-3.5dB	>18dB	5-650MHz
MFT-682M	0.5-3.5dB	>18dB	5-682MHz
MFT-698M	0.5-3.5dB	>18dB	5-698MHz
MFT-770M	0.5-3.5dB	>18dB	5-770MHz
MFT-790M	0.5-3.5dB	>18dB	5-790MHz
MFT-806M	0.5-3.5dB	>18dB	5-806MHz
MFT-862M	0.5-3.5dB	>18dB	5-862MHz

Tier Trap Filter

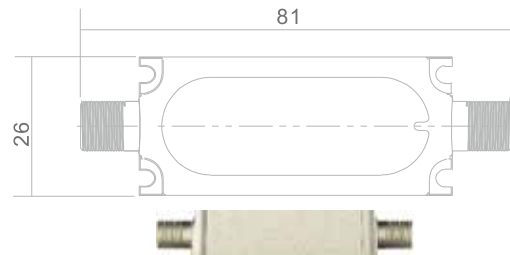
Features

CE Approved, Class A RFI Shielding
SMD, High Stability
High Rejection
Low Loss
Excellent Return Loss
Waterproof (alternative)
Suitable for CATV and other communication systems
size:50X15mm weight:24.7g

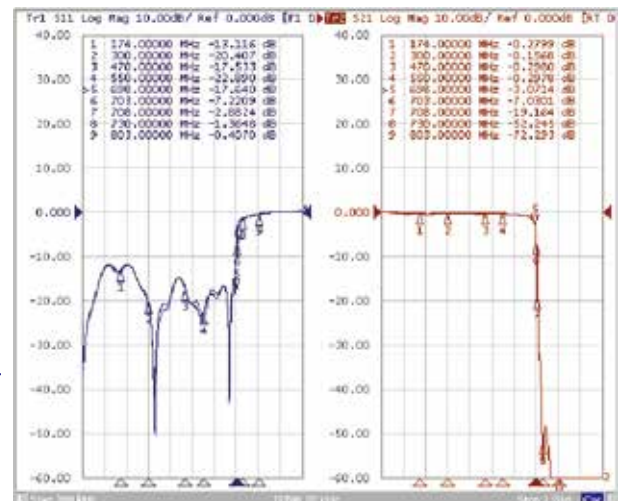
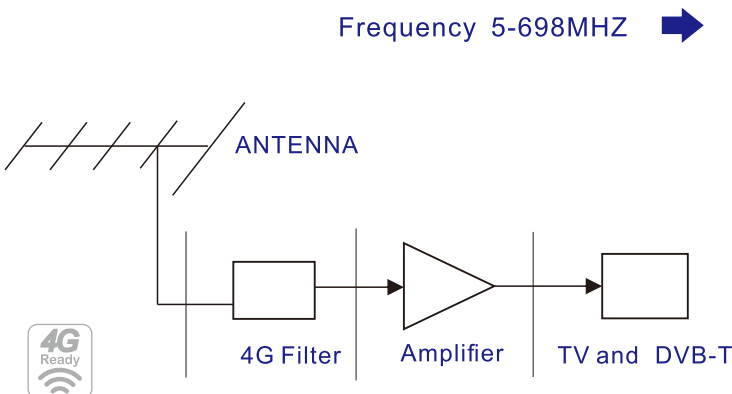


Items

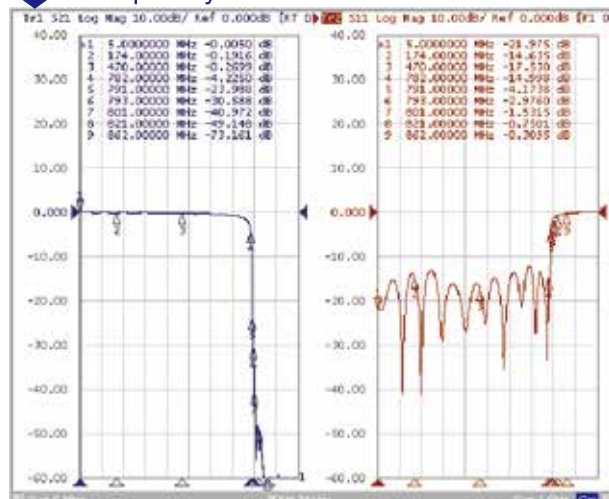
Model	Pass Band Insertion Loss	Return Loss	Frequency Range
MFTT-20-40M	0.5-3.5dB	>18dB	20-40MHz
MFTT-88-108M	0.5-3.5dB	>18dB	88-108MHz
MFTT-118-174M	0.5-3.5dB	>18dB	118-174MHz
MFTT-230-470M	0.5-3.5dB	>18dB	230-470MHz



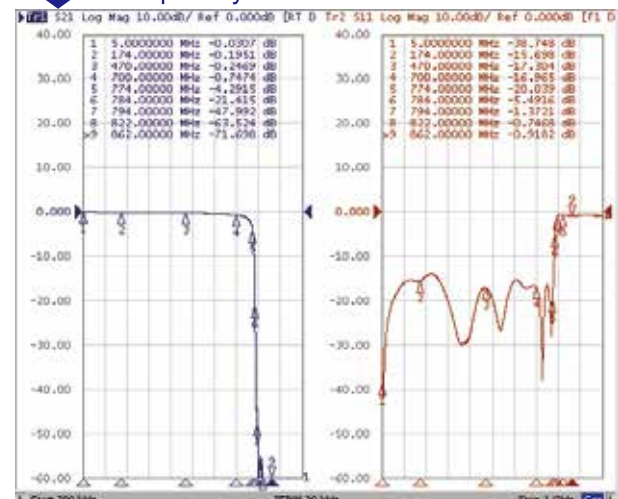
Parameter	Customer Requirement					
Model	MFT-698		MFT-782		MFT-774	
Frequency range	5-698MHz		5-782MHz		5-774MHz	
Impedance	75 Ω		75 Ω		75 Ω	
Number of input	1		1		1	
Number of output	1		1		1	
Pass Band Insertion Loss	5-698MHz	0-4dB	5-782MHz	0-4dB	5-774MHz	0-4dB
Stop Band Rejection	703MHz	>6dB	791MHz	>16dB	784MHz	>15dB
	708MHz	>15dB	801MHz	>25dB	794MHz	>40dB
	730MHz	>50dB	821MHz	>40dB	822MHz	>50dB
	803MHz	>50dB	862MHz	>50dB	862MHz	>50dB



Frequency 5-782MHz



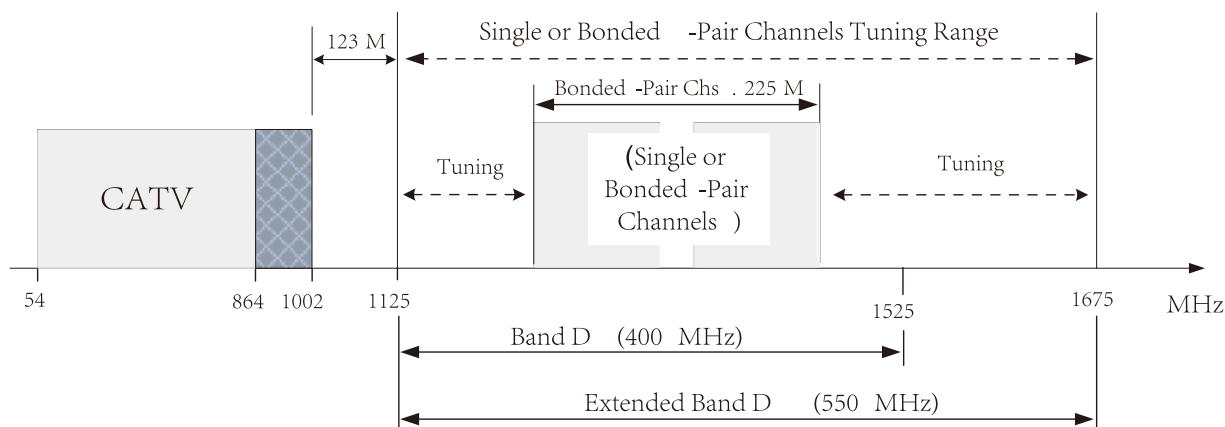
Frequency 5-774MHz



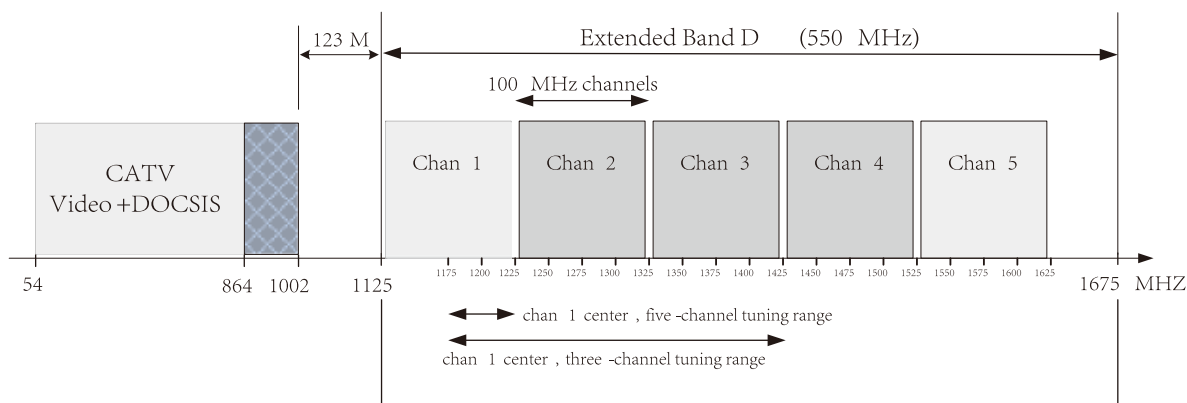


Docsis 3.1

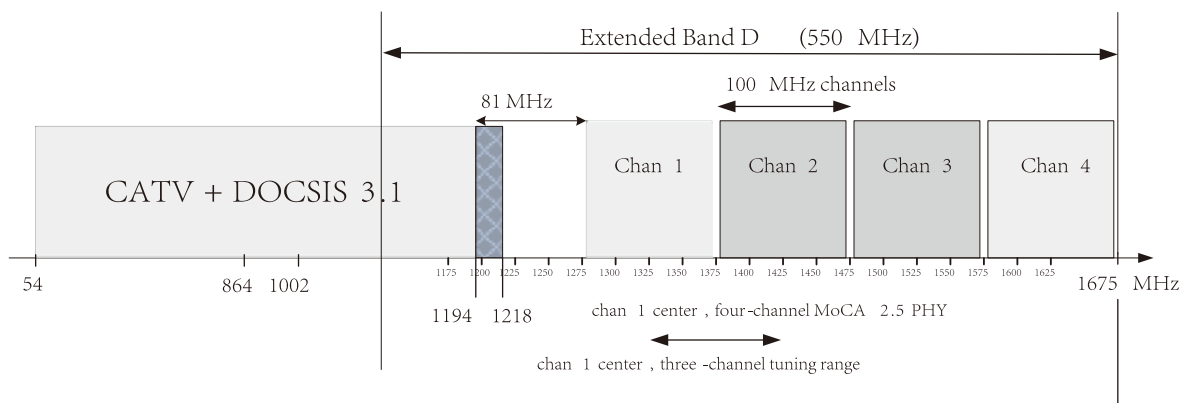
Splitter&TAP



MoCA 2.0



MoCA 2.0



MoCA 2.5

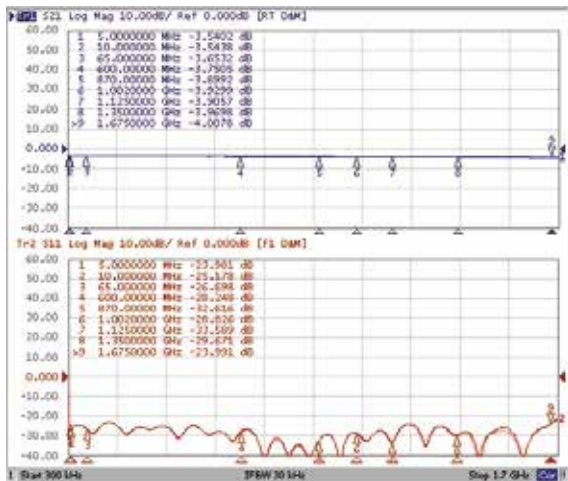
MoCA



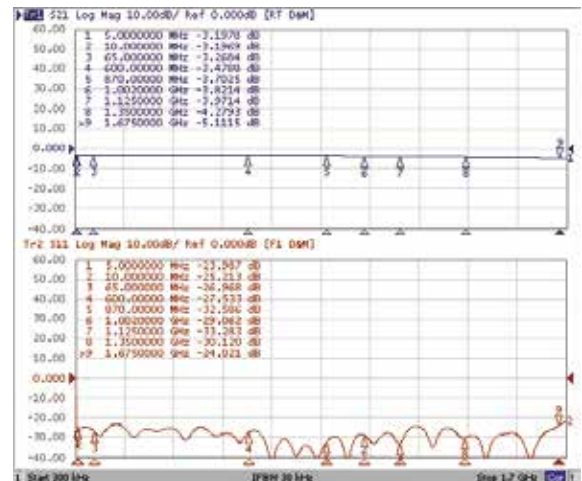
Model:MAMS-02

ITEM	Frequency(MHz)	Test
Insertion Loss(dB)	5-1002	≤ 4
	1125-1675	≤ 6
Mutual Isolation(dB)	5-10	≥ 25
	10-65	≥ 32
	65-1002	≥ 25
	1125-1675	≥ 22
Input Return Loss	5-10	≥ 20
	10-65	≥ 20
	65-1002	≥ 20
Output Return Loss	5-10	≥ 20
	10-65	≥ 23
	65-1002	≥ 20

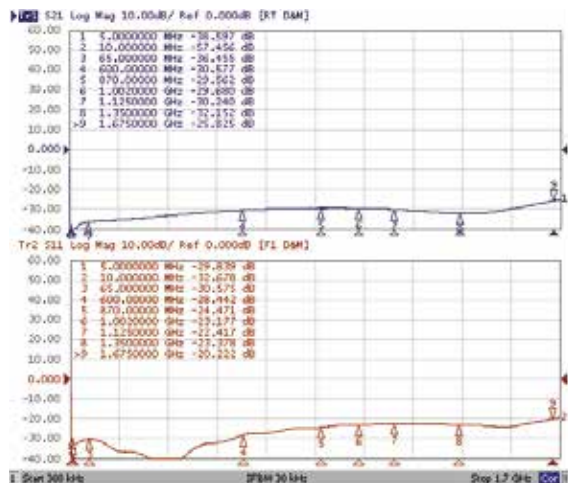
↓ Insertion loss(in-out1) & input return loss



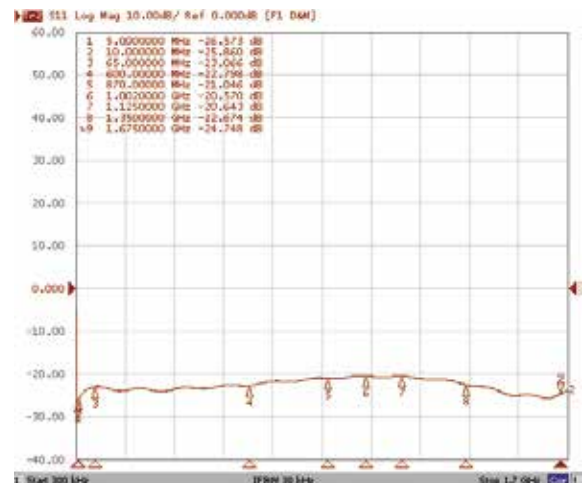
↓ Insertion loss(in-out2)



↓ Mutual isolation(out1-out2)&output return loss(out1)



↓ Output return loss(out2)





MAMS-02



MAMS-03



MAMS-03B



MAMS-04

ITEM	Frequency(MHZ)	MAMS-02	MAMS-03	MAMS-03B	MAMS-04	MAMS-06
Insertion Loss(max) (dB)	5-400	3.8	3.8/7.5	5.6	7.5	11.7
	400-600			6.0		11.0
	600-1002	4.0	4.0/7.8	6.8	7.8	12.0
	1125-1675	6.0	6.0/11.0	6.8	7.8	12.0
Isolation(min) (dB)	5-10	25	25	25	25	25
	10-65	32	32	32	32	32
	65-870	25	25	25	25	25
	870-1002	25	25	25	25	25
Isolation(max)	1125-1675	25	25	25	25	25
Input Return Loss(min) (dB)	5-10	20	20	20	20	20
	10-65	20	20	20	20	20
	65-1002	20	20	20	20	20
Output Return Loss(min) (dB)	5-10	20	20	20	20	20
	10-65	23	23	23	23	23
	65-1002	20	20	20	20	20



MAC-02



MAC-03



MAC-04



MAC-05

ITEM	Frequency(MHZ)	MAC-02	MAC-03	MAC-03B	MAC-04	MAC-05
Insertion Loss(max) (dB)	5-400	3.8	3.8/7.5	5.6	7.5	11.7
	400-600			6.0		11.0
	600-1002	4.0	4.0/7.8	6.8	7.8	12.0
	1125-1675	6.0	6.0/11.0	6.8	7.8	12.0
Isolation(min) (dB)	5-10	25	25	25	25	25
	10-65	32	32	32	32	32
	65-870	25	25	25	25	25
	870-1002	25	25	25	25	25
Isolation(max)	1125-1675	25	25	25	25	25
Input Return Loss(min) (dB)	5-10	20	20	20	20	20
	10-65	20	20	20	20	20
	65-1002	20	20	20	20	20
Output Return Loss(min) (dB)	5-10	20	20	20	20	20
	10-65	23	23	23	23	23
	65-1002	20	20	20	20	20



SP-3602



SP-3603



SP-3604



SP-3605

ITEM	Frequency(MHZ)	SP-3602	SP-3603	SP-3603B	SP-3604	SP-3605
Insertion Loss(max) (dB)	5-10	3.5	6.0	3.8/7.2	7.3	11.7
	10-65	3.7	6.0	3.8/7.2	7.3	11.0
	65-470	3.8	6.1	3.8/7.2	7.5	12.0
	470-862	4.1	6.1	4.0/7.5	7.8	12.0
	862-1006	4.2	6.5	4.2/8.0	8.0	6.5
	1006-1218	4.5	6.9	4.5/8.5	8.5	6.9
Isolation(min) (dB)	5-10	30	30	30	30	30
	10-65	30	30	30	30	30
	65-470	30	30	30	30	30
	470-862	28	28	28	28	28
	862-1006	26	26	26	26	26
	1006-1218	23	23	23	23	23
Return Loss(min) (dB)	5-10	22	22	22	22	22
	10-1006	22	22	22	22	22
	1006-1218	16	16	16	16	16



ITEM	Frequency(MHZ)	SP-3302	SP-3303	SP-3304	SP-3305	SP-3306
Insertion Loss(max) (dB)	5-450	3.8	4.6	5.6	6.8	8.8
	450-1000	4.5	6.0	6.0	7.3	9.0
	1000-1750	5.5	6.5	7.8	8.6	10
	1750-2400	6	8.8	10	11	12
Isolation(min) (dB)	5-450	25	25	25	25	25
	450-1000	32	32	32	32	32
	1000-1750	25	25	25	25	25
	1750-2400	25	25	25	25	25
Input Return Loss(min) (dB)	5-450	20	20	20	20	20
	450-1000	20	20	20	20	20
	1750-2400	15	15	15	15	15
Output Return Loss(min) (dB)	5-450	20	20	20	20	20
	450-1000	20	20	20	20	20
	1750-2400	15	15	15	15	15



SP-3502



SP-3503



SP-3504



SP-3506



SP-3508

ITEM	Frequency(MHZ)	SP-3502	SP-3503	SP-3504	SP-3506	SP-3508
Insertion Loss (dB)	5-450	3.8	4.6	5.6	8.8	10.5
	450-1000	4.5	6.0	6.0	10	11
	1000-1750	5.5	6.5	7.8	12	13
	1750-2400	6	8.8	10	15	15
Isolation (dB)	5-450	25	25	25	25	25
	450-1000	32	32	32	32	32
	1000-1750	25	25	25	25	25
	1750-2400	25	25	25	25	25
Input Return Loss (dB)	5-450	20	20	20	20	20
	450-1000	20	20	20	20	20
	1750-2400	15	15	15	15	15
Output Return Loss (dB)	5-450	20	20	20	20	20
	450-1000	20	20	20	20	20
	1750-2400	15	15	15	15	15

HDMI Modulator

Modulator HDMI TO RF

- Convert the HDMI high definition signal into video signal (PAL/NTSC)
- Support HDMI1.4, downward compatible with HDMI1.1, 1.2, 1.3
- Convert the HDMI digital audio into AUDIO analog stereo by DAC digital-analog chip
- HDMI input format: 480I 480P 576I 576P 720P 1080I 1080P@60Hz
- Support NTSC and PAL output

Modulator parameters

- Insertion Loss (RF Channel|ANTENNA-TV): $47-174\text{MHz} \leq 5\text{dB}$
- Frequency range: $174-1\text{GHz} \leq 1\text{dB}$ 3/4CH(61.75/67.25MHz) adjustable
- Impedance: 75Ω
- Output level (V_o): $75 \pm 3\text{dB}\mu\text{v}$
- Power ratio (PS): $15 \pm 3\text{dB}$
- Video Limiter Modulation Depth (mpmax): 94% (Video Input = 1Vpp)
- Modulation (mp): 76% (video input = 0.5Vpp)
- Maximum sound frequency modulation (msmax): 700% (audio input = 1Vpp)
- Differential gain (DG): $\pm 3\%$
- Differential Phase (DP): $\pm 3\text{deg}$
- Audio distortion (THD): 0.3%
- Sound frequency modulation (βb): $\pm 0.51\text{KHz} / \text{mv}$
- Frequency deviation: $\pm 50\text{KHz}$

Power supply

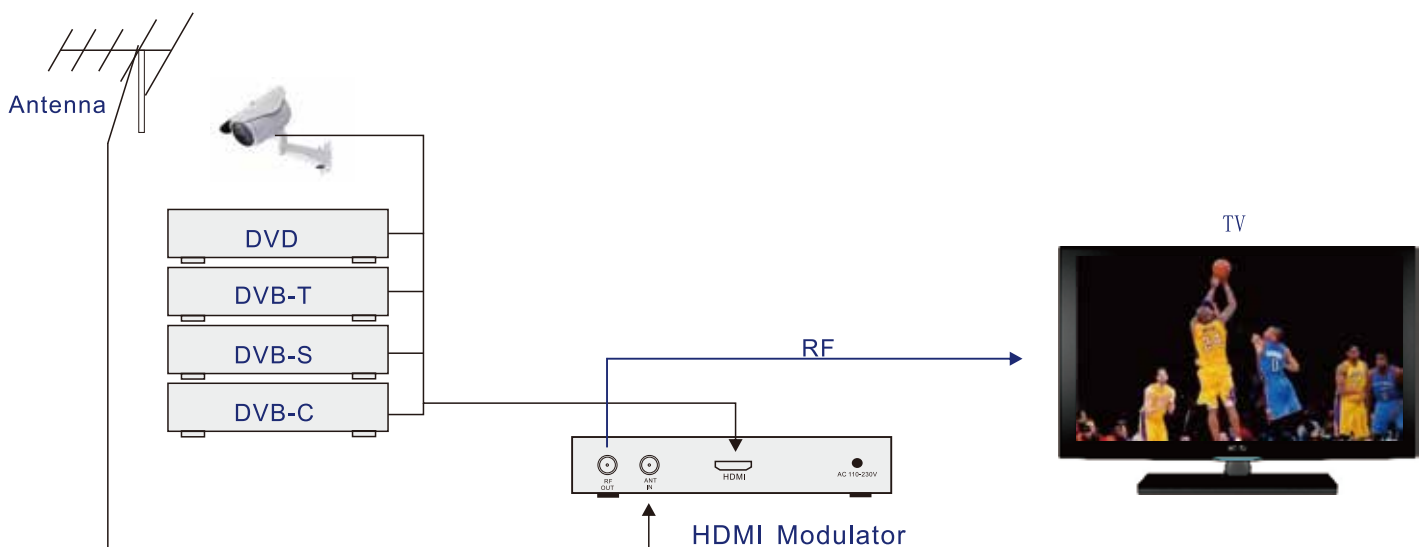
- Input: 100-240AC 50/60Hz
- Power consumption: <5 watts



RM-210



RM-220



Description

The modulator is applied where there is a need to transform the audio / video signal into RF, such as signals from cameras, DVD, decoders, receivers, video games, etc.

Features

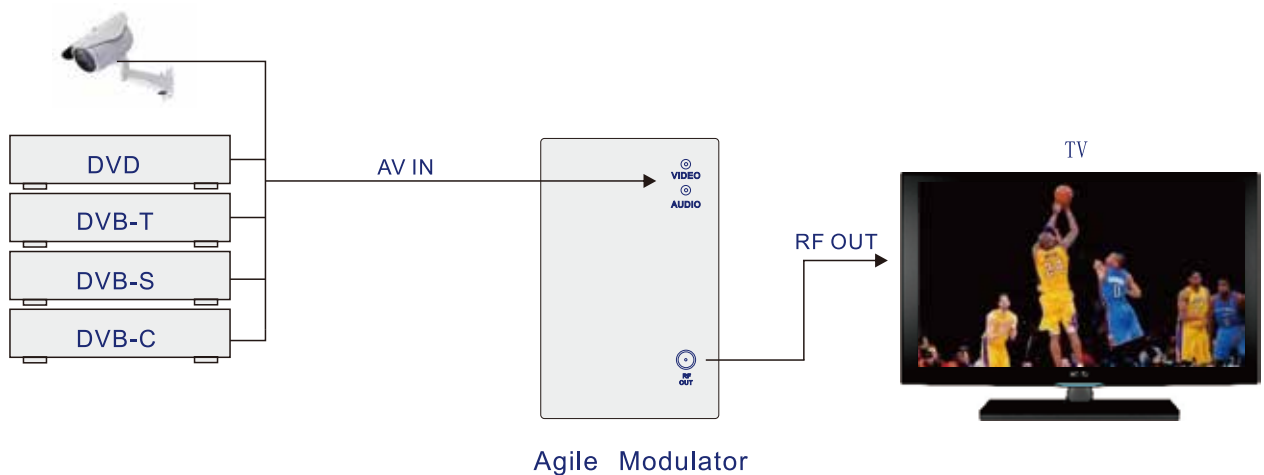
- Low cost
- Possibility to select any UHF channel, or CATV
- Display channel indicator
- Audio and video equalizer controls on the front of the product

**Specifications**

- VHF Output Channels: FI, 2 ~ 13
- UHF Output Channels: 14 ~ 70
- CATV Output Channels: 14 ~ 99
- Output Level: 20 ± 2 dBmV
- Bandwidth: 10 MHz
- Impedance: 75 Ω
- Input voltage: 110/220 VAC
- Dimensions: 87 x 63 x 100mm



RM-01



Audio and Video Modulator (Channel 03 and 04)

Description

The modulator has the function of transforming audio and video signals into channel 3 or 4 of TV.

Features

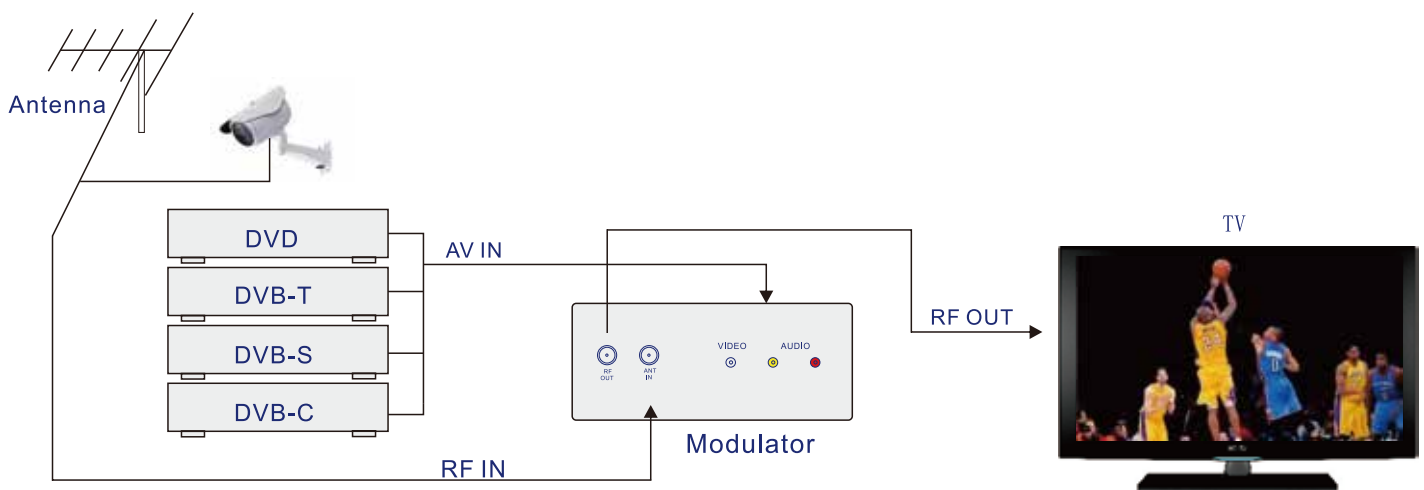
- Easy installation
- Low cost
- RCA connectors for Audio and Video input
- Compact

Specifications

- Output Channels: 3/4
- Output Level: 16 ± 2 dBmV
- Bandwidth: 10 MHz
- Impedance: 75 Ω
- Power supply: 110/220 V AC
- Connector: Type F
- Dimensions: 136 x 73 x 62 mm



RM-02





MAS-202



MAS-203N



MAS-203B

Outdoor splitters



Item	Frequency MHz	Model		
		MAS-202	MAS-203N	MAS-203B
Insertion Loss (dB)	5	4.0	3.5/7.0	6.5
	85	4.2	4.0/7.0	6.5
	105	4.5	4.0/7.5	7.0
	750	4.8	4.8/8.0	7.5
	860	5.5	5.5/8.5	8.0
	1218	6.5	6.0/10.0	9.0
Mutual Isolation (dB)	5	23	23	23
	85	23	23	23
	105	23	23	23
	750	23	23	23
	860	23	23	23
	1218	23	23	23
Input Return Loss (dB)	5	8	16	16
	85	16	16	16
	105	16	16	16
	750	16	16	16
	860	16	16	16
	1218	16	16	16
Output Return Loss (dB)	5	16	16	16
	85	16	16	16
	105	16	16	16
	750	16	16	16
	860	16	16	16
	1218	16	16	16

Docsis 3.1 outdoor 2way splitter

DOCSIS 3.1

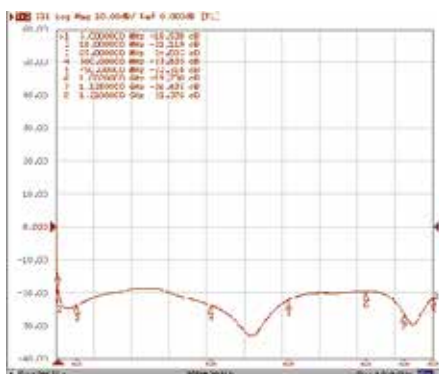
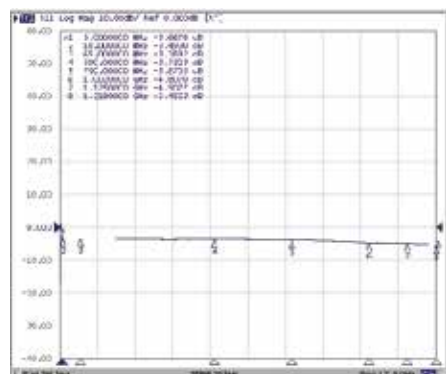
5-1218MHz



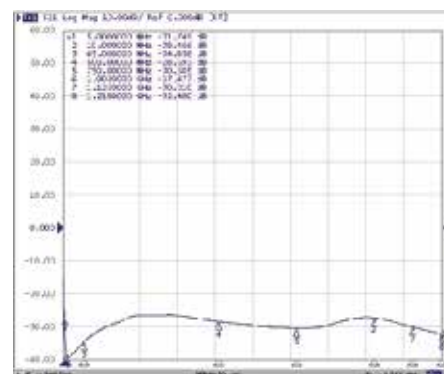
Model: MAS-402

Item	Frequency MHz	Model	
		MAS-402	
Insertion Loss (dB)	5-65	≤ 4.2	
	65-500	≤ 4.5	
	500-750	≤ 5.5	
	750-1218	≤ 6.5	
Mutual Isolation (dB)	5-65	≥ 23	
	65-500	≥ 23	
	500-750	≥ 23	
	750-1218	≥ 23	
Input Return Loss	5-65	≥ 16	
	65-500	≥ 16	
	500-750	≥ 16	
	750-1218	≥ 16	
Output Return Loss	5-65	≥ 16	
	65-500	≥ 16	
	500-750	≥ 16	
	750-1218	≥ 16	

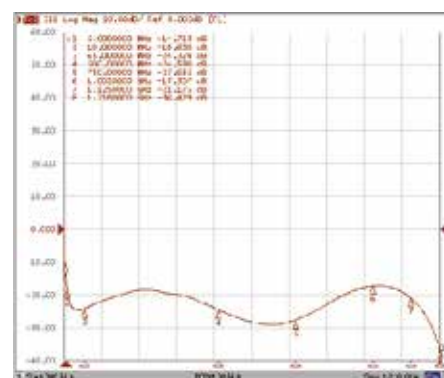
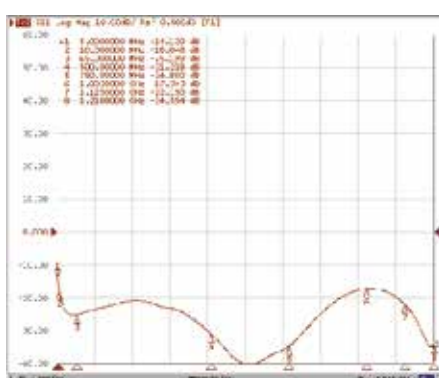
Insertion Loss(IN-OUT1) & Input Return Loss



Mutual Isolation(OUT1-OUT2)



Insertion Loss(IN-OUT2) & Output Return Loss



DOCSIS 3.1

5-1218MHz



Outdoor 2 Way Tap

Item	Frequency MHz	Model			
		MAT-204	MAT-208	MAT-211	MAT-214
Insertion Loss (dB)	5-65		≤ 4.0	≤ 2.5	≤ 1.5
	65-500		≤ 4.8	≤ 3.5	≤ 2.0
	500-750		≤ 5.0	≤ 4.0	≤ 2.5
	750-1218		≤ 5.5	≤ 4.5	≤ 3.0
Tap Loss (dB)	5-65	4.0 ± 1.0	7.0 ± 1.0	11.0 ± 1.0	14.0 ± 1.0
	65-500	4.0 ± 1.0	7.0 ± 1.0	11.0 ± 1.0	14.0 ± 1.0
	500-750	4.0 ± 1.5	7.0 ± 1.5	11.0 ± 1.5	14.0 ± 1.5
	750-1218	4.0 ± 1.5	7.0 ± 1.5	11.0 ± 1.5	14.0 ± 1.5
Mutual Isolation (dB)	5-65	≥ 23	≥ 23	≥ 23	≥ 23
	65-500	≥ 23	≥ 23	≥ 23	≥ 23
	500-750	≥ 23	≥ 23	≥ 23	≥ 23
	750-1218	≥ 23	≥ 23	≥ 23	≥ 23
Input Return Loss (dB)	5-65	≥ 16	≥ 16	≥ 16	≥ 16
	65-500	≥ 16	≥ 16	≥ 16	≥ 16
	500-750	≥ 16	≥ 16	≥ 16	≥ 16
	750-1218	≥ 16	≥ 16	≥ 16	≥ 16
Output Return Loss (dB)	5-65	≥ 16	≥ 16	≥ 16	≥ 16
	65-500	≥ 16	≥ 16	≥ 16	≥ 16
	500-750	≥ 16	≥ 16	≥ 16	≥ 16
	750-1218	≥ 16	≥ 16	≥ 16	≥ 16

Item	Frequency MHz	Model			
		MAT-417	MAT-420	MAT-423	MAT-426
Insertion Loss (dB)	5-65	≤ 2.0	≤ 1.5	≤ 1.0	≤ 1.0
	65-500	≤ 2.5	≤ 2.0	≤ 1.5	≤ 1.5
	500-750	≤ 3.0	≤ 2.5	≤ 2.0	≤ 2.0
	750-1218	≤ 3.5	≤ 3.0	≤ 2.5	≤ 2.5
Tap Loss (dB)	5-65	17.0 ± 1.0	20.0 ± 1.0	23.0 ± 1.0	26.0 ± 1.0
	65-500	17.0 ± 1.0	20.0 ± 1.0	23.0 ± 1.0	26.0 ± 1.0
	500-750	17.0 ± 1.5	20.0 ± 1.5	23.0 ± 1.5	26.0 ± 1.5
	750-1218	17.0 ± 1.5	20.0 ± 1.5	23.0 ± 1.5	26.0 ± 1.5
Mutual Isolation (dB)	5-65	≥ 23	≥ 23	≥ 23	≥ 23
	65-500	≥ 23	≥ 23	≥ 23	≥ 23
	500-750	≥ 23	≥ 23	≥ 23	≥ 23
	750-1218	≥ 23	≥ 23	≥ 23	≥ 23
Input Return Loss (dB)	5-65	≥ 16	≥ 16	≥ 16	≥ 16
	65-500	≥ 16	≥ 16	≥ 16	≥ 16
	500-750	≥ 16	≥ 16	≥ 16	≥ 16
	750-1218	≥ 16	≥ 16	≥ 16	≥ 16
Output Return Loss (dB)	5-65	≥ 16	≥ 16	≥ 16	≥ 16
	65-500	≥ 16	≥ 16	≥ 16	≥ 16
	500-750	≥ 16	≥ 16	≥ 16	≥ 16
	750-1218	≥ 16	≥ 16	≥ 16	≥ 16

DOCSIS 3.1 outdoor 2way TAP

DOCSIS 3.1

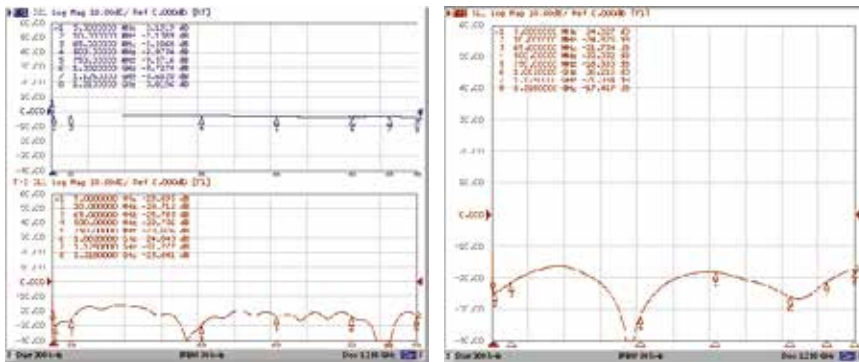
2 Way Tap

5-1218MHz

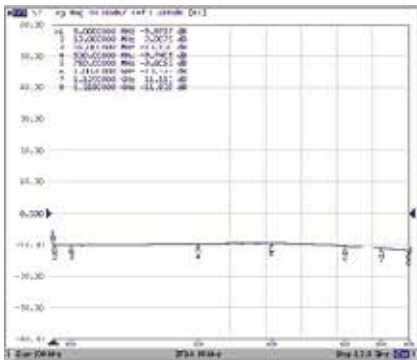


Model:MAT-211

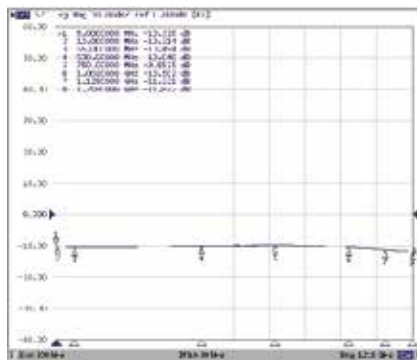
■ Insertion Loss&Input Return Loss



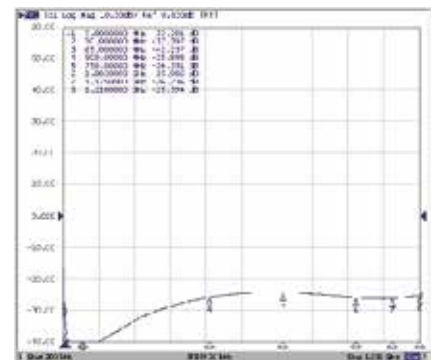
■ Tap Loss(IN-Tap1):



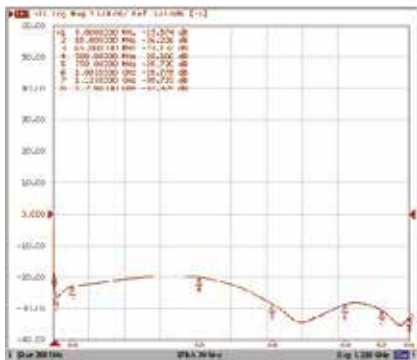
■ Tap Loss(IN-Tap2)



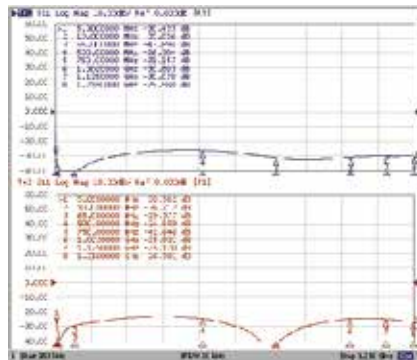
■ Reverse Isolation(OUT-TAP1)



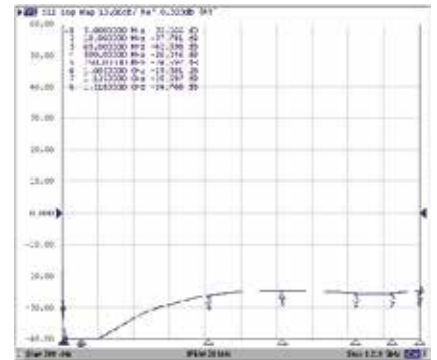
■ Tap Return Loss(Tap1)



■ Mutual Isolation (Tap1-Tap2) & Tap Return Loss(Tap2)



■ Reverse Isolation(OUT-TAP2)



Item	Frequency MHz	Model
		MAT-211
Insertion Loss (dB)	5-65	2.5
	65-500	<3.5
	500-750	<4.0
	750-1218	<4.5
Tap Loss (dB)	5-65	10.0±1.0
	65-500	10.5±1.5
	500-750	11.0±1.5
	750-1218	11.5±1.5
Mutual Isolation (dB)	5-65	>23
	65-500	>23
	500-750	>23
	750-1218	>23
Input Return Loss (dB)	5-65	>16
	65-500	>16
	500-750	>16
	750-1218	>16
Output Return Loss (dB)	5-65	>16
	65-500	>16
	500-750	>16
	750-1218	>16

Docsis 3.1 outdoor 2way splitter**DOCSIS 3.1**

5-1218MHz



Outdoor 4 Way Tap

Item	Frequency MHz	Model			
		MAT-408	MAT-411	MAT-414	MAT-417
Insertion Loss (dB)	5-65		4.0	2.5	1.5
	65-500		4.8	3.5	2.0
	500-750		5.0	4.0	2.5
	750-1218		5.5	4.5	3.0
Tap Loss (dB)	5-65	7.0±1.0	10.0±1.0	14.0±1.0	17.0±1.0
	65-500	7.0±1.0	10.0±1.0	14.0±1.0	17.0±1.0
	500-750	7.0±1.5	10.0±1.5	14.0±1.5	17.0±1.5
	750-1218	7.0±1.5	11.0±1.5	15.0±1.5	17.0±1.5
Mutual Isolation (dB)	5-65	23	23	23	23
	65-500	23	23	23	23
	500-750	23	23	23	23
	750-1218	23	23	23	23
Input Return Loss (dB)	5-65	16	16	16	16
	65-500	16	16	16	16
	500-750	16	16	16	16
	750-1218	16	16	16	16
Output Return Loss (dB)	5-65	16	16	16	16
	65-500	16	16	16	16
	500-750	16	16	16	16
	750-1218	16	16	16	16

Item	Frequency MHz	Model			
		MAT-420	MAT-423	MAT-426	
Insertion Loss (dB)	5-65	1.2	1.2	1.2	
	65-500	1.6	2.0	1.6	
	500-750	2.2	2.0	2.0	
	750-1218	3.0	2.5	2.5	
Tap Loss (dB)	5-65	20.0±1.0	23.0±1.0	26.0±1.0	
	65-500	20.0±1.0	23.0±1.0	26.0±1.0	
	500-750	20.0±1.5	23.0±1.5	26.0±1.5	
	750-1218	20.0±1.5	23.0±1.5	26.0±1.5	
Mutual Isolation (dB)	5-65	23	23	23	
	65-500	23	23	23	
	500-750	23	23	23	
	750-1218	23	23	23	
Input Return Loss (dB)	5-65	16	16	16	
	65-500	16	16	16	
	500-750	16	16	16	
	750-1218	16	16	16	
Output Return Loss (dB)	5-65	16	16	16	
	65-500	16	16	16	
	500-750	16	16	16	
	750-1218	16	16	16	

Docsis 3.1 outdoor TAP

DOCSIS 3.1

5-1218MHz

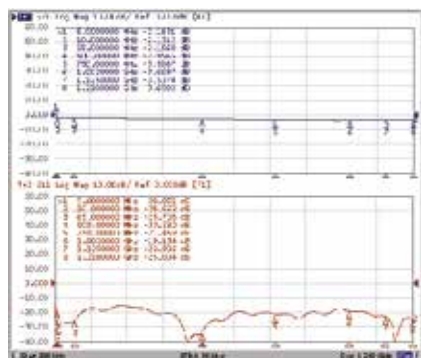
4 Way Tap



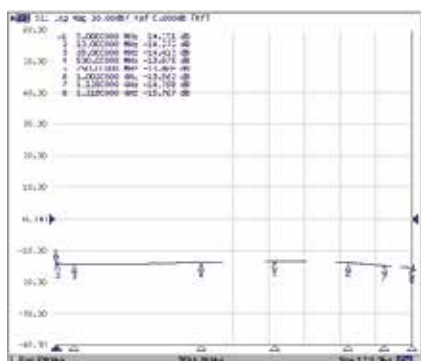
Model:MAT-414

Item	Frequency MHz	Model
		MAT-414
Insertion Loss (dB)	5-65	2.5
	65-500	3.5
	500-750	4.0
	750-1218	4.5
Tap Loss (dB)	5-65	14.0±1.0
	65-500	14.0±1.0
	500-750	14.0±1.5
	750-1218	15.0±1.5
Mutual Isolation (dB)	5-65	23
	65-500	23
	500-750	23
	750-1218	23
Input Return Loss (dB)	5-65	16
	65-500	16
	500-750	16
	750-1218	16
Output Return Loss (dB)	5-65	16
	65-500	16
	500-750	16
	750-1218	16

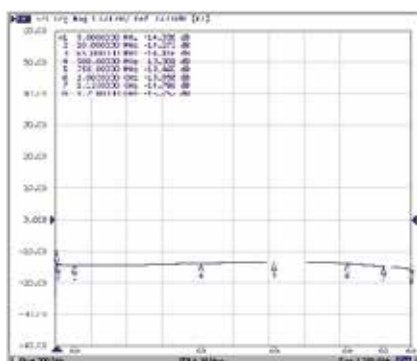
Insertion Loss&Input Return Loss



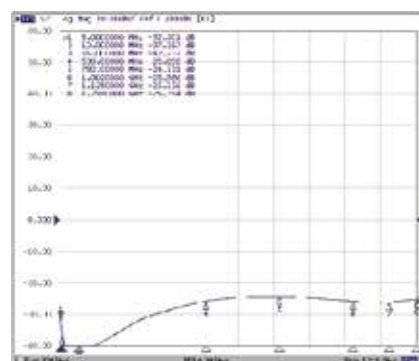
Tap Loss(IN-Tap1):



Tap Loss(IN-Tap2):



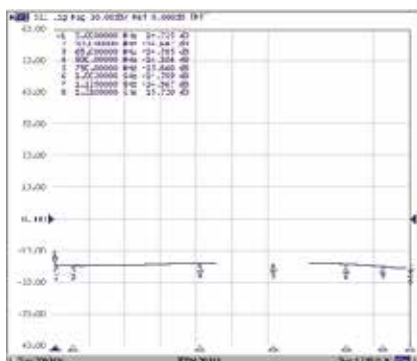
Reverse Isolation(OUT-TAP1)



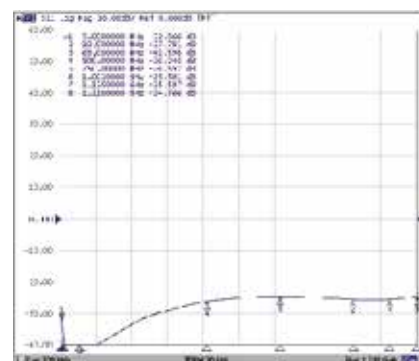
Tap Loss(IN-Tap2):



Tap Loss(IN-Tap4)



Reverse Isolation(OUT-TAP2)



DOCSIS 3.1

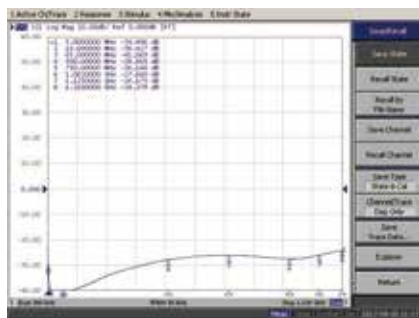
5-1218MHz

4 Way Outdoor Tap

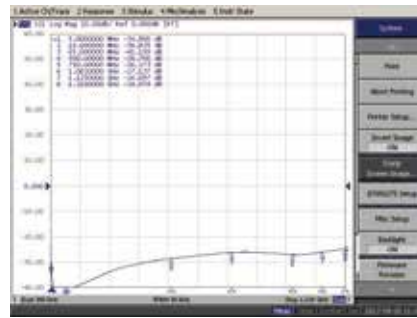


Model:MAT-414

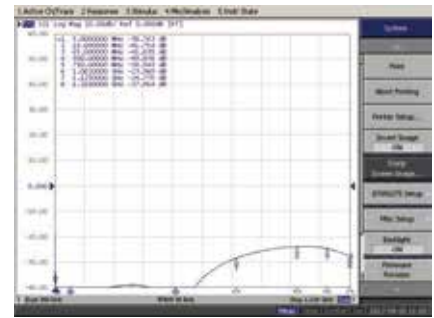
Reverse Isolation(OUT-TAP3)



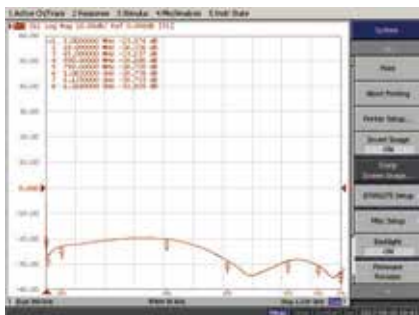
Reverse Isolation(OUT-TAP4)



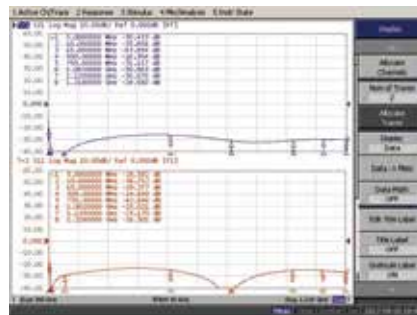
Mutual Isolation (Tap1-Tap3)



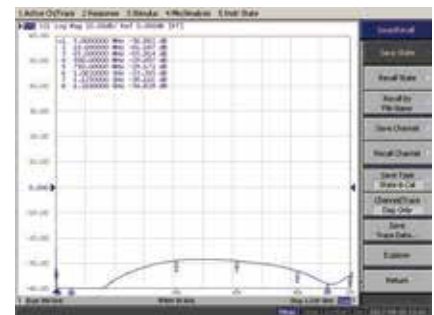
Tap Return Loss(Tap1)



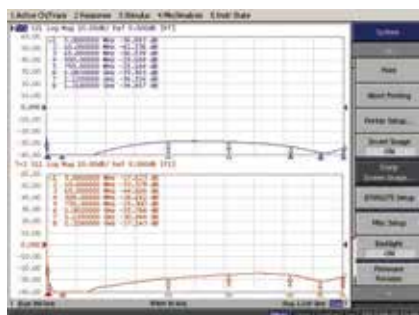
Mutual Isolation (Tap1-Tap2) & Tap Return Loss(Tap2)



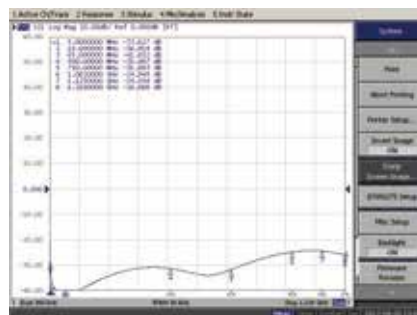
Mutual Isolation (Tap1-Tap4)



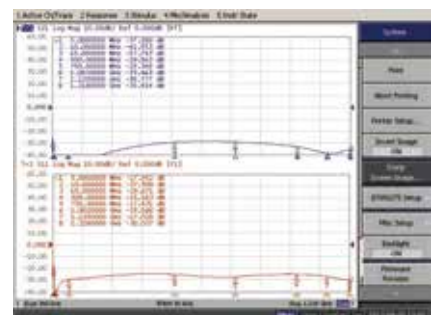
Mutual Isolation (Tap2-Tap3) & Tap Return Loss(Tap3)



Mutual Isolation (Tap2-Tap4) & Tap Return Loss(Tap4)



Mutual Isolation (Tap3-Tap4) & Tap Return Loss(Tap3, Tap4)



5-1218MHz



Outdoor 8 Way Tap

Item	Frequency MHz	Model			
		MAT-811	MAT-814	MAT-817	MAT-820
Insertion Loss (dB)	5-65		4.0	2.5	1.5
	65-500		4.8	3.5	2.0
	500-750		5.0	4.0	2.5
	750-1218		5.5	4.5	3.0
Tap Loss (dB)	5-65	10.0±1.0	14.0±1.0	17.0±1.0	19.5±1.0
	65-500	10.5±1.0	13.5±1.0	17.0±1.0	19.5±1.0
	500-750	11.0±1.5	14.0±1.5	17.0±1.5	19.5±1.5
	750-1218	11.0±1.5	14.0±1.5	17.0±1.5	20.0±1.5
Mutual Isolation (dB)	5-65	23	23	23	23
	65-500	23	23	23	23
	500-750	23	23	23	23
	750-1218	23	23	23	23
Input Return Loss (dB)	5-65	16	16	16	16
	65-500	16	16	16	16
	500-750	16	16	16	16
	750-1218	16	16	16	16
Output Return Loss (dB)	5-65	16	16	16	16
	65-500	16	16	16	16
	500-750	16	16	16	16
	750-1218	16	16	16	16

Item	Frequency MHz	Model			
		MAT-823	MAT-826	MAT-829	MAT-832
Insertion Loss (dB)	5-65	1.5	1.0	1.0	1.0
	65-500	2.0	1.5	1.5	1.5
	500-750	3.0	2.5	2.0	2.0
	750-1218	4.0	3.5	3.0	3.0
Tap Loss (dB)	5-65	23.0±1.0	26.0±1.0	29.0±1.0	31.0±1.0
	65-500	23.0±1.0	26.0±1.0	29.0±1.0	31.0±1.0
	500-750	23.0±1.0	26.0±1.0	29.0±1.0	31.0±1.0
	750-1218	23.0±1.5	27.0±1.5	30.0±1.5	32.0±1.5
Mutual Isolation (dB)	5-65	23	23	23	23
	65-500	23	23	23	23
	500-750	23	23	23	23
	750-1218	23	23	23	23
Input Return Loss (dB)	5-65	16	16	16	16
	65-500	16	16	16	16
	500-750	16	16	16	16
	750-1218	16	16	16	16
Output Return Loss (dB)	5-65	16	16	16	16
	65-500	16	16	16	16
	500-750	16	16	16	16
	750-1218	16	16	16	16

Satellite Finder

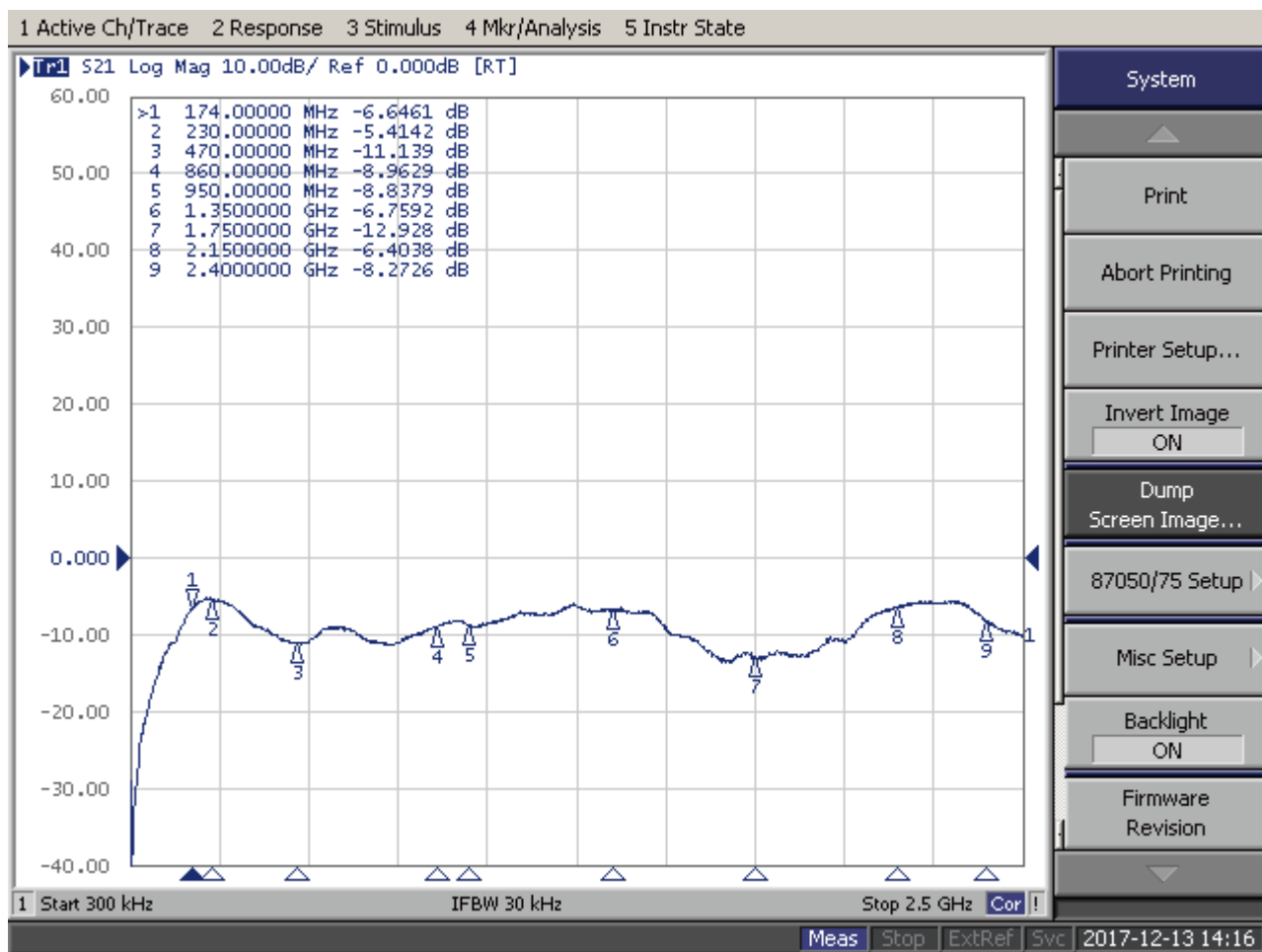
Satellite finder with Beeper and LED level meter
 Seven red LED's included
 Adjustable sensitive control
 One input and one output
 Both with "F" sockets, nikel plated
 At the back side an -6dB switch
 Function is OK at this minus 6dB position
 Dimensions: 100X50X30 mm
 Weight : 55g



Specifications

Testing range: 174-2150MHz -10/-35

Insertion Loss (dB) : 174-2150 11dB

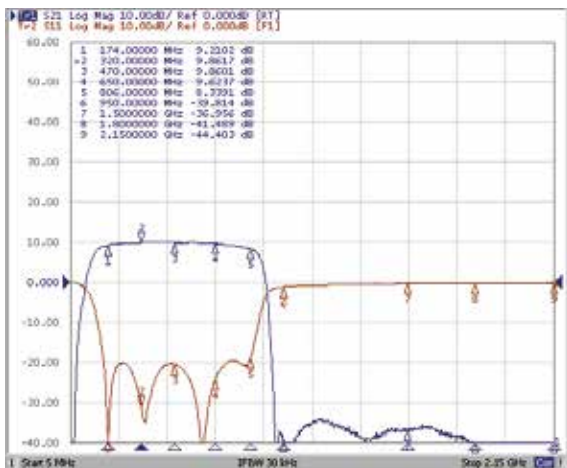


Main Technical Specifications

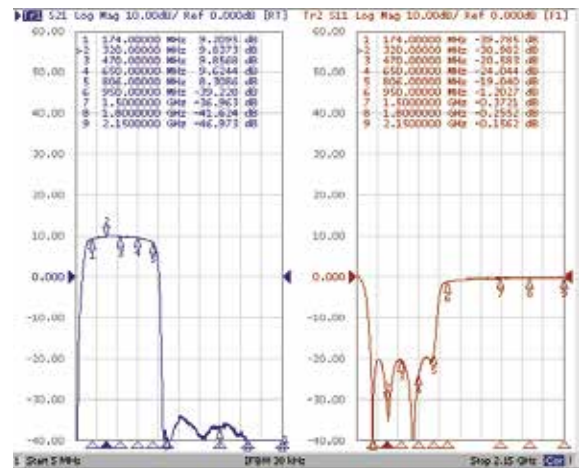
- Satellite Input : 950--2150MHz/13V(V) 950--2150MHz/18V(H)
- Terrestrial Input : 174--806MHz
- Number of output : 4
- Number of input : 3
- Insertion Loss : ≤5dB
- Reflection loss : 8dB
- Output ports isolation : ≥20dB
- Out-of-band rejection : ≥30dB
- Power Passing : RX ports to LNB ports(≥350mA)
- Current Consumption : 120mA(13V/18V)
- Dimensions: : 100X73X16 mm
- Weight: 110g



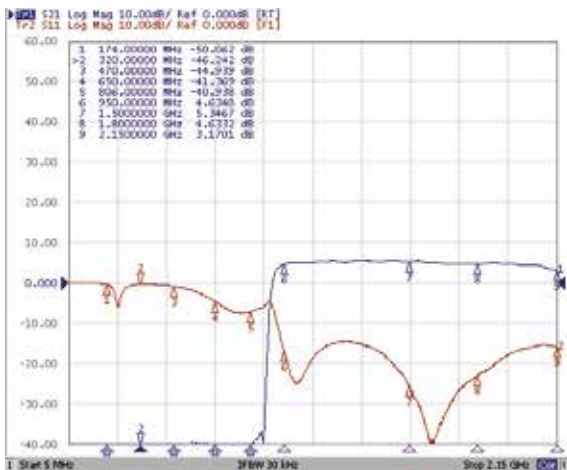
▼ Terrestrial Input (IN-OUT1):174-806MHz



▼ Terrestrial Input (IN-OUT1):174-806MHz



▼ Satellite Input (LNBV/18V-RX1) : 950-2150MHz



▼ Satellite Input (LNBV/18V-RX1) : 950-2150MHz



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✉ sales@fullstrikegroup.com

www.fullstrikegroup.com



Office: Room 302, T3, Taiziwan Commercial Building, Cruise Avenue, Nanshan District, Shenzhen, China 518067.

Factory: NO.123,Jinghui west Rd,Investment entrepreneurship center,Xaying,Ynzhou,Ningbo,China.

Germany Office: Robinson Road 7, App. 10, 55768 Hoppstädten-Weiersbach Deutschland

FSL is standing in the market with "3 Best Policy" since the very first day of servicing customers:

Best Service、

Best Quality、

Best Price.

We 100% fully trust that you must enjoy doing business with us!