



TECHNICAL DATA SHEET

DÉCOR-O-007

DECOR SERIES SMATV / MATV SOCKET OUTLETS



Description

Diplexer module for connecting to a single or double coaxial aerial down lead carrying combined TV/FM/SAT or TV/FM & SAT signals. The filtering in the diplexer splits out the appropriate signal and feeds it to the relevant output connection.

Features

- Built in diplexers to separate FM, TV and satellite I.F. bands
- 3 output ports dedicated for FM, TV and satellite signals
- Single coaxial cable inputs for TV/FM/SAT signal (*Model MATV-1 with looping features*)
- Double coaxial cables input for TV/FM & SAT signals (*Model MATV*)
- RFI shielding zinc alloy die-casting case integrated with connectors
- Use of high impact resistant material, flame retarding & UV stabilized polycarbonate
- Made to stringent quality assurance procedures
- Quick, simple & reliable terminal connection Solder less clamp terminal
- Printed circuit board ensures consistent RF performance

- Clip on covers conceal mounting screws, simplify finishing & decorating

Main Application

MATV: Suitable for houses with 2 incoming coaxial cables - one for TV/FM inputs & another for SAT inputs

MATV-1: Suitable for condominium & apartment with single incoming mixer coaxial cable for TV/FM/SAT inputs. Additional looping feature with other rooms within the unit.

Materials & Finish

Use of polycarbonate for all plastic components

Option

Accessories and color options upon request

Quantity

Box Quantity : 1 pcs
Outer Box : 20 pcs

TECHNICAL SPECIFICATION

Model : Satellite Master Antena TV Outlet (SMATV)

Description	Freq. Range (MHz)	MATV-1	
Insertion Loss (dB)	40 ~ 862	2 ± 1.0	
	IN - OUT	862 ~ 1750	2.5 ± 1.5
		1750 ~ 2150	3.5 ± 2.0
		2150 ~ 2400	3.5 ± 2.5
	IN - FM	87.5 ~ 125	11 ± 2.0
Isolation (dB) min	IN - TV	40 ~ 70	11 ± 1.5
		174 ~ 800	11 ± 1.5
		800 ~ 862	12.5 ± 1.5
	IN - SAT	950 ~ 2150	12 ± 2.0
		2150 ~ 2400	12.5 ± 2.5
Return Loss (dB) min	OUT - FM	88 ~ 125	22
	OUT - TV	40 ~ 860	20
	OUT - SAT	950 ~ 2400	16
	TV - FM	88 ~ 125	20
	TV - SAT	40 ~ 2400	6
	FM - SAT	40 ~ 860	22
	IN	40 ~ 2400	5
Connectors	OUT	40 ~ 2400	5
	FM	87.5 ~ 125	8
	TV	40 ~ 862	5
Connectors	SAT	950 ~ 2400	5
	RADIO	*IEC* Female	
	TV	*IEC* Male	
	SAT	*F* Female	

Model : Master Antena TV Outlet (MATV)

Description	MATV	
Through Loss (dB)	AM/FM	4
	VHF	5 - 8
	UHF	5 - 8
Tap loss (dB)	AM/FM	16
	VHF	13
	UHF	13
Isolation (dB)	AM/FM	30
	VHF	30
	UHF	30

PRODUCT RANGE

Communication Outlet

Description

Satellite Master Antenna TV Outlet with double inputs cables

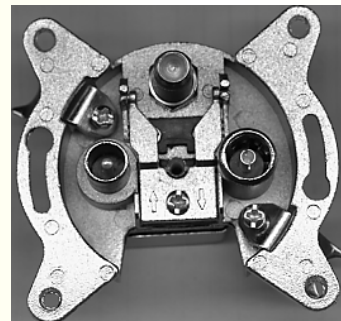
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1604L MATV

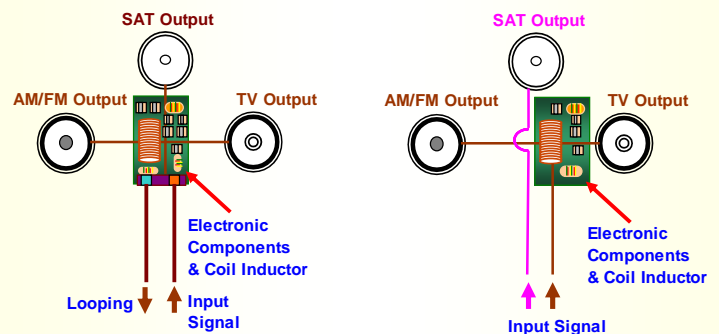
Satellite Master Antenna TV Outlet with single input cable & looping facility

1604L MATV-1

WIRING DIAGRAM



Front view of MATV-1 & MATV Outlets



Satellite Master TV Antenna (MATV-1) Outlet with single input cable & looping facility

Satellite Master TV Antenna (MATV) Outlet with double input cables