



TECHNICAL DATA SHEET

1500-O-015

1500 & 1600 SERIES TV/FM/SAT SOCKET OUTLET



TECHNICAL SPECIFICATION

Model : Triplexer, Terminal Type with Power Passing

Description		Freq. Range (MHz)	1504SMATV
Insertion Loss	IN - FM	88 ~ 125	2 ± 1.5 dB
	IN - TV	40 ~ 70	1 ± 1.5 dB
	IN - SAT	174 ~ 862	2 ± 1.5 dB
		950 ~ 2400	2 ± 1.5 dB
Isolation	TV - FM	88 ~ 108	20 dB min
	TV - SAT	40 ~ 2400	6 dB min
	FM - SAT	40 ~ 860	30 dB min
Return Loss (dB) min	IN	40 ~ 2400	5 dB min
	FM	87.5 ~ 125	8 dB min
	TV	40 ~ 862	5 dB min
	SAT	950 ~ 2400	5 dB min
Connectors	RADIO	"IEC" Female	
	TV	"IEC" Male	
	SAT	"F" Female	
Impedance	75Ω		
Dimension (with connectors)	70(L)x67.6(W).36(H)mm		
Weight	0.11Kg		
Housing (with EMI shielding)	Zink alloy die-casting with zinc plated		

PRODUCT RANGE

Communication Outlet

Description

Triplexer Terminal Type w/ Power Passing 1504SMATV-T
 Triplexer Terminal Type w/ Power Passing 1604SMATV-T
 Triplexer Terminal Type w/ Power Passing 1604LSMATV-T

CAT No.

Description

Triplexer module for connecting to a single coaxial aerial down lead carrying combined TV/FM & SAT signals. The filtering in the triplexer 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 covers TV/FM/SAT signals
- 500 mA DC passing from satellite RX to LNB
- Allows 22 KHz tone signal through for LNB control
- RFI shielding zinc alloy die-casting case integrated with connectors
- Use of high impact resistant material & flame retarding
- 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

SMATV: Suitable for houses, condominium & apartment with single incoming mixer coaxial cable for TV/FM/SAT inputs.

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

WIRING DIAGRAM

Triplexer with single input cable SMATV

