

Product data sheet

TV-FM-SAT socket outlet, intermediate (loop through)



Reference number

IAL-3-10-01

TV-FM-SAT socket outlet, intermediate (loop through), without frame

- screw terminals;
- for cable TV, and DVB-T television (frequency range 47-860 MHz);
- for R (radio) signal (frequency range 87-108 MHz);
- suitable for SAT IF and CATV domestic distribution installations (frequency range 950-2250MHz);
- seamless CATV and SAT ranges and low distribution attenuation thanks to combined filter-tap structure;
- housing: torsion-resistant, passivated diecast zinc;
- metal supporting frame, for screw mounting;
- terminated outlets are used for individual and community installation (BK, CATV, MATV) connected to decoupling stub lines.

Intermediate (loop through) outlets can also be used in tree networks. The last intermediate outlet socket installed in a trunk or stub line must be terminated by terminating resistor R 75.

Note on the use of intermediate outlet outlets IAL-3-01 and IAL-3-10-01:
In a main line with e.g. 7 subscribers the first 4 TV sockets will be IAL-3-10-01 and the remaining ones will be IAL-3-01. In this way all sockets will have approximately the same signal strength.

Polycarbonate plastic (scratch-proof, PC). Surface sprayed manually by Alpocryl Emailack paint, (developed in Switzerland), and laced with matt lack. Paint has high UV resistance, is flame resistant according to DIN EN13501-1 and chemically resistant according to DIN 68861/1B.

Centre plates colour, EAN code:

R/ON31 - mat brown: individual barcode 4770025967812; package barcode 4770025967829;
R/ONC - mat cream: individual barcode 4770025000663; package barcode 4770025000670;
R/ON59 - mat black: individual barcode 4770025001608; package barcode 4770025001615;

Technical specifications

IN – TV (IEC male):	
Frequency range	47-860 MHz
Suitable for	DVB-C, DVB-T television
Attenuation	1.0-2.8 dB
DC through	-
IN – RF (IEC female):	
Frequency range	87-108 MHz
Suitable for	Radio signal
Attenuation	17.0 dB
DC through	-
IN – SAT (F female):	
Frequency range	950-2250MHz
Attenuation	12 dB
DC through	13/18 V, 22 kHz, max. +24 V/0.5 A
Protection	IP 20
Dept	25 mm