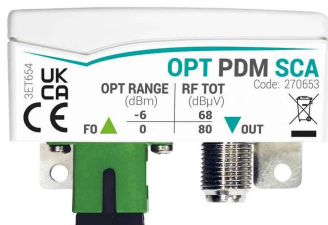


## OPT-PDM-SCA

### OPT PDM



The exclusive range of **OPT-PDM miniaturized optical receivers** exploits the potential offered by the FTTH passive optical infrastructure to create a TV-SAT (IF-IF) distribution system even in small and medium-sized residential systems. The optical receivers are **completely passive and no power is required**. The only light component available at the output of the OPT-MBJ optical transmitter and transported by the optical fiber is sufficient to make the optical receivers work and to have the correct RF signal at the highest quality on the coaxial output connector to be connected to the TVs or decoders sat.

(dimensions 47x33x15mm)

### Technical Chars

- SC/APC standard connector
- OPT-PDM receivers **do not need power supply** and the optical signal received at the input is sufficient to be able to return the RF signal at the output with the highest quality
- **Double operating mode:** the receivers can be used inside the flush-mounting boxes or in the "Retro TV" mode
- **Removable protective shell.**
- Frequency band managed: **88-2350MHz.**
- Optical Operating Range (typical): **0 to -6dBm**
- Operating optical window **1270-1610nm.**

OPT-PDM-SCA		
Code		270653
Optical input		
Optical input		1 x SC/APC
Optical input connector		SC/APC
Wavelength input	nm	1270-1610
Optical input power	dBm	≤10 (0 to -6)
RF output		
Connectors type		F Female
Return loss	dB	-7
Outputs		1 x (TV + SAT)
Optical output		
Optical return loss	dB	-50
Safety class		1M
Output level TV		
Max Output level	dBμV	67 (@0dBm)

Output level SAT		
Max Output level SAT per transponder	dB $\mu$ V	80 (@0dBm)
Specifications		
Operating temperature	°C	0 to +40
Storage temperature	°C	-40 to +70
Conformity		EN50083-2:2012/A1:2015
Dimensions and packaging		
Pieces		4
EAN code		801 69781 05939
Multiple EAN		801 69781 05281
Packaging dimensions	mm	85 x 50 x 60
Product dimensions	mm	47 x 33 x 15
Packaging weight	kg	0.152