



Headend multiswitch

12 TV-SAT tap outputs

art. 15-411
M5-12 DER



Ideal for receiving four independent polarity and the subsequent distribution in radial type systems of 12 users.

The terrestrial signal is in passive mixing to avoid any intermodulation problems.

Expandable using expansions for multiswitches (cod. 15-424 ESPANSIONE 4 and/or cod. 15-422 ESPANSIONE 2) to increase the number of users (up to a maximum of 16) with extreme ease.

Equipped with built in power supply which provides the supply to the multiswitch and the LNB.

The remote power supply from the multiswitch to the LNB is enabled on the H/H and H/L connectors.

It is made up of:

- n.1 art. 15-405 M5-4 DER
- n.2 art. 15-424 ESPANSIONE 4
- n.1 art. 15-559 TM5/F

Characteristics

- High isolation between inputs
- Low noise figure

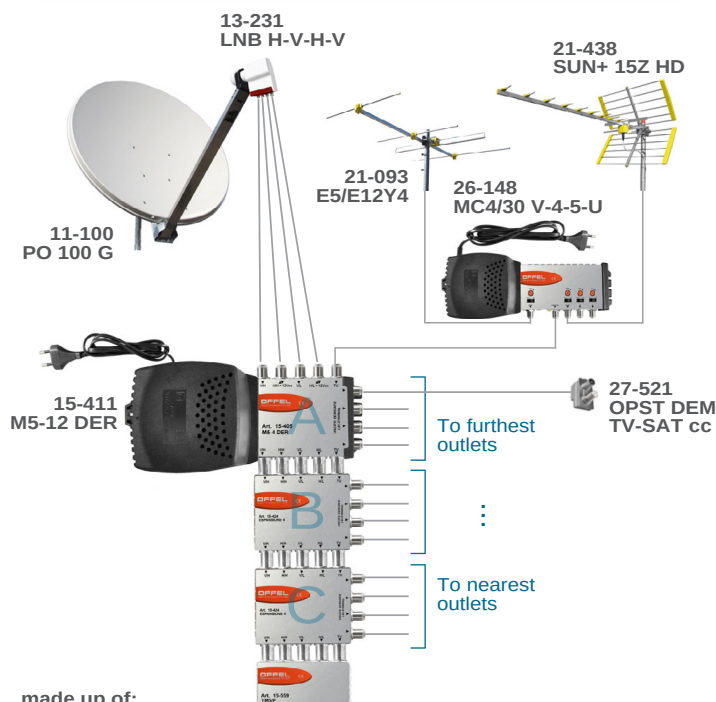
- Compatible with all OFFEL multiswitches

Code	15-411
Item	M5-12 DER
No. of SAT inputs	4
No. of TV inputs	1
No. of SAT outputs	4
No. of TV outputs	1
No. of TV-SAT tap outputs	12
SAT tap gain	dB 0 (A), -2 (B), -4 (C)
TV tap gain	dB -21 (A), -23,5 (B), -26 (C)
SAT Loophrough Loss *	dB 4,5 Typ. 6 Max
TV Loophrough Loss *	dB 6 Typ. 7,5 Max
SAT Return Loss	dB >10
TV Return Loss	dB >10
Max delivered current	mA 600
Max power consumption	W 16
AC main tension	230 V~ ±10% 50Hz
Isolation class	II
SAT frequencies	MHz 950÷2150
TV frequencies	MHz 47÷790
Max SAT input level	dBμV 95
Min SAT input level	dBμV 45
Inputs isolation	dB >40
Outputs isolation	dB >30
Dimensions (LxWxH)	mm 200x60x300
Packaging dimensions (LxWxH)	mm 235x205x95
Packaging weight	Kg 1,3
Fit temperature	°C -10°C ÷ +55
Compliant to	EN 50083-2, EN 60065

Technical data refer to a temperature of 25 °C

* for further expansions

Example of application



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