



## Headend multiswitch

6 TV-SAT tap outputs

**art. 15-407**  
**M5-6 DER**

Ideal for receiving four independent polarity and the subsequent distribution in radial type systems of 6 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 cod. 15-405 M5-4 DER
- n.1 cod. 15-422 ESPANSIONE 2
- n.1 cod. 15-559 TM5/F

### Characteristics

- High isolation between inputs
- Low noise figure

- Compatible with all OFFEL multiswitches

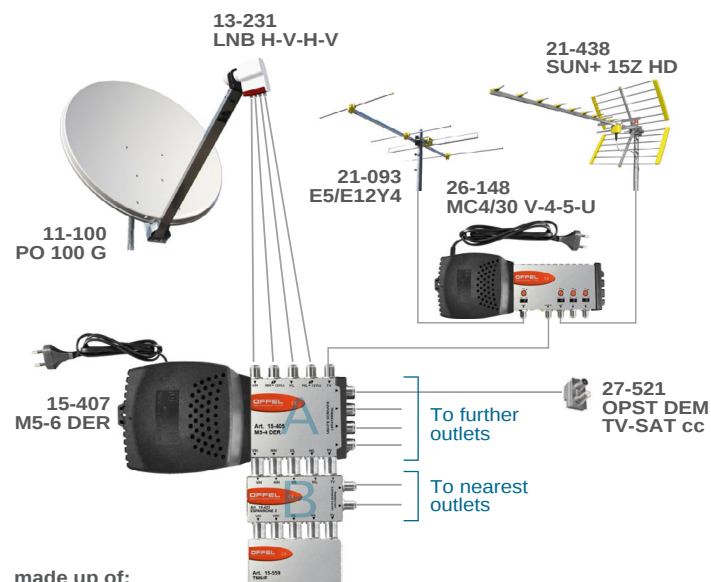


| Code                         | 15-407                |
|------------------------------|-----------------------|
| Item                         | M5-6 DER              |
| No. of SAT inputs            | 4                     |
| No. of TV inputs             | 1                     |
| No. of SAT outputs           | 4                     |
| No. of TV outputs            | 1                     |
| No. of TV-SAT tap outputs    | 6                     |
| SAT tap gain                 | dB 0 (A), -2 (B)      |
| TV tap gain                  | dB -21 (A), -23,5 (B) |
| SAT Loopthrough Loss *       | dB 2,5 Typ. 3 Max     |
| TV Loopthrough Loss *        | dB 3 Typ. 3,5 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 200x60x195         |
| Packaging dimensions (LxWxH) | mm 217x111x70         |
| Packaging weight             | Kg 1,2                |
| 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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