

# REP / DER Series

Tap-offs and splitters with "F" connector totally shielded.

**APPLICATION**

Analogue TV Installations, both individual or community.

**CARACTERÍSTICAS**

- • TAP- OFFS with 1, 2, 4, 6 and 8 outputs.
- Splitters with 2, 3, 4, 6 and 8 outputs.
- DC pass:
  - SPT: through outputs.
  - TAP: at the main input-output.
  - Allow cable passage at the back side.



| MODEL                      | SPLITTERS       |         |         |         |         | TAP-OFFS   |         |         |         |                |         |         |         |     |
|----------------------------|-----------------|---------|---------|---------|---------|------------|---------|---------|---------|----------------|---------|---------|---------|-----|
|                            | REP 204         | REP 307 | REP 409 | REP 613 | REP 815 | DER 110    | DER 115 | DER 120 | DER 125 | DER 210        | DER 215 | DER 220 | DER 225 |     |
| Reference                  | 85261           | 85262   | 85263   | 85264   | 85265   | 85266      | 85267   | 85268   | 85269   | 85270          | 85271   | 85272   | 85273   |     |
| Nr. of outputs             | 2               | 3       | 4       | 6       | 8       | 1          |         |         | 2       |                |         |         |         |     |
| Covered band               | MHz             |         |         |         |         | 5 ÷ 2300   |         |         |         |                |         |         |         |     |
| Tap Loss<br>(± 0,5 dB)     | 5 - 2300 MHz    |         |         |         |         | dB         |         |         |         |                |         |         |         |     |
|                            | -               | -       | -       | -       | -       | 10         | 15      | 20      | 25      | 10             | 15      | 20      | 25      |     |
| Through loss               | 5 - 47 MHz      | 4       | 6,5     | 7,5     | 10,5    | 11         | 3       | 1,3     | 1,1     | 1              | 3,5     | 2,5     | 1,5     | 1   |
|                            | 47 - 862 MHz    | 4       | 7,5     | 8       | 11      | 12         | 1,8     | 1,5     | 1,1     | 1              | 3       | 2,2     | 1,5     | 1   |
|                            | 950 - 2150 MHz  | 5,5     | 9       | 9,5     | 14,5    | 15,5       | 2,2     | 2,2     | 1,9     | 1,8            | 3,5     | 3       | 2,8     | 1,7 |
|                            | 2150 - 2300 MHz | 6       | 10      | 10,5    | 15      | 16         | 2,2     | 2,2     | 2,2     | 2,1            | 4       | 3       | 3       | 2,1 |
| Directional isolation      | 5 - 47 MHz      | -       | -       | -       | -       | -          | 25      | 25      | 27      | 30             | 20      | 25      | 30      | 35  |
|                            | 47 - 862 MHz    | -       | -       | -       | -       | -          | 24      | 24      | 25      | 27             | 23      | 22      | 25      | 35  |
|                            | 950 - 2150 MHz  | -       | -       | -       | -       | -          | 23      | 23      | 23      | 24             | 18      | 22      | 22      | 28  |
|                            | 2150 - 2300 MHz | -       | -       | -       | -       | -          | 23      | 23      | 23      | 24             | 18      | 21      | 22      | 26  |
| Output isolation           | 5 - 47 MHz      | 20      | 20      | 21      | 22      | 24         | -       | -       | -       | -              | 40      | 45      | 60      | 22  |
|                            | 47 - 862 MHz    | 21      | 21      | 21      | 22      | 22         | -       | -       | -       | -              | 30      | 35      | 45      | 22  |
|                            | 950 - 2150 MHz  | 20      | 21      | 21      | 21      | 21         | -       | -       | -       | -              | 28      | 30      | 32      | 22  |
|                            | 2150 - 2300 MHz | 20      | 20      | 21      | 20      | 21         | -       | -       | -       | -              | 28      | 30      | 32      | 22  |
| Return losses              | 5 - 862 MHz     |         |         |         |         |            | 12      |         |         |                |         |         |         |     |
|                            | 950 - 2150 MHz  |         |         |         |         |            | 10      |         |         |                |         |         |         |     |
| Min. screening factor      | 5 - 862 MHz     |         |         |         |         |            | 65      |         |         |                |         |         |         |     |
|                            | 950 - 2150 MHz  |         |         |         |         |            | 55      |         |         |                |         |         |         |     |
| Packing dimensions (10 u.) | mm              |         |         |         |         | 115x105x57 |         |         |         | 160 x 105 x 57 |         |         |         |     |
| Weight (10 u.)             | Kg              |         |         |         |         | 0,50       |         |         |         | 0,60           |         |         |         |     |

| MODEL                      | TAP-OFFS        |         |         |         |         |                |         |         |         |         |                |  |  |  |  |
|----------------------------|-----------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|----------------|--|--|--|--|
|                            | DER 410         | DER 415 | DER 420 | DER 425 | DER 615 | DER 620        | DER 625 | DER 815 | DER 820 | DER 825 |                |  |  |  |  |
| Reference                  | 85274           | 85275   | 85276   | 85277   | 85278   | 85279          | 85280   | 85281   | 85282   | 85283   |                |  |  |  |  |
| Nr. of outputs             | 4               |         |         |         | 6       |                |         | 8       |         |         |                |  |  |  |  |
| Covered band               | MHz             |         |         |         |         |                |         |         |         |         |                |  |  |  |  |
| Tap Loss<br>(± 0,5 dB)     | 5 - 2300 MHz    |         |         |         |         |                |         |         |         |         |                |  |  |  |  |
|                            | 10              | 15      | 20      | 25      | 15      | 20             | 25      | 15      | 20      | 25      |                |  |  |  |  |
| Through loss               | 5 - 47 MHz      | 4       | 2       | 1       | 1       | 3,5            | 1,5     | 0,5     | 3,5     | 1,5     | 1              |  |  |  |  |
|                            | 47 - 862 MHz    | 4       | 2,5     | 1       | 1       | 4              | 2       | 1,5     | 4       | 2       | 1              |  |  |  |  |
|                            | 950 - 2150 MHz  | 5       | 4       | 2       | 2       | 5              | 4,5     | 3,5     | 5       | 3,5     | 2              |  |  |  |  |
|                            | 2150 - 2300 MHz | 5,5     | 4,5     | 3       | 2       | 5,5            | 5       | 5       | 5,5     | 3,7     | 2,5            |  |  |  |  |
| Directional isolation      | 5 - 47 MHz      | 25      | 30      | 38      | 45      | 25             | 30      | 30      | 25      | 30      | 30             |  |  |  |  |
|                            | 47 - 862 MHz    | 27      | 28      | 30      | 32      | 22             | 25      | 30      | 22      | 25      | 30             |  |  |  |  |
|                            | 950 - 2150 MHz  | 25      | 25      | 25      | 25      | 22             | 25      | 25      | 22      | 25      | 25             |  |  |  |  |
|                            | 2150 - 2300 MHz | 25      | 25      | 25      | 25      | 21             | 24      | 24      | 20      | 24      | 24             |  |  |  |  |
| Output isolation           | 5 - 47 MHz      | 23      | 23      | 23      | 23      | 22             | 25      | 25      | 22      | 27      | 27             |  |  |  |  |
|                            | 47 - 862 MHz    | 22      | 22      | 22      | 22      | 22             | 22      | 20      | 22      | 22      | 22             |  |  |  |  |
|                            | 950 - 2150 MHz  | 21      | 22      | 22      | 22      | 22             | 22      | 20      | 22      | 22      | 22             |  |  |  |  |
|                            | 2150 - 2300 MHz | 21      | 21      | 21      | 21      | 16             | 16      | 16      | 16      | 18      | 18             |  |  |  |  |
| Return losses              | 5 - 862 MHz     | 12      |         |         |         |                |         |         |         |         |                |  |  |  |  |
|                            | 950 - 2150 MHz  | 10      |         |         |         |                |         |         |         |         |                |  |  |  |  |
| Min. screening factor      | 5 - 862 MHz     | 65      |         |         |         |                |         |         |         |         |                |  |  |  |  |
|                            | 950 - 2150 MHz  | 55      |         |         |         |                |         |         |         |         |                |  |  |  |  |
| Packing dimensions (10 u.) | mm              |         |         |         |         | 160 x 105 x 65 |         |         |         |         | 205 x 125 x 67 |  |  |  |  |
| Weight (10 u.)             | Kg              |         |         |         |         | 0,70           |         |         |         |         | 1,10           |  |  |  |  |