

Product group Splitters & Taps
 Product line EcoLine+
Product ET-5-12+/T
 Art.no. 10430050

High quality and extensive range of
 splitters and taps.

ET-5-12+/T

| Field | Port | Range | Min. | Typical | Max. | Unit | Rem. | Margin |
|---------------------------|----------------------|------------------------|------|----------|------|------|------|--------|
| General | | | | | | | | |
| Frequency Range | | | 5 | | 1000 | MHz | | |
| Connectors | In/Out/Tap | | | F-female | | | | |
| Equipment Approval | | | | CE | | | | |
| Specifications | | | | | | | | |
| Tap Loss | In -> Tap 1 | 5 MHz < F < 1000 MHz | 11,5 | 12,5 | 13,5 | dB | | |
| | In -> Tap 2 | 5 MHz < F < 1000 MHz | 12,5 | 13,5 | 14,5 | dB | | |
| | In -> Tap 3 | 5 MHz < F < 1000 MHz | 13,5 | 14,5 | 15,5 | dB | | |
| | In -> Tap 4 | 5 MHz < F < 1000 MHz | 13,5 | 14,5 | 15,5 | dB | | |
| | In -> Tap 5 | 5 MHz < F < 1000 MHz | 13,5 | 14,5 | 15,5 | dB | | |
| Return Loss | In/Tap | 5 MHz < F < 10 MHz | 20 | | | dB | | |
| | | 10 MHz < F < 862 MHz | 22 | | | dB | 1 | |
| | | 862 MHz < F < 1000 MHz | 14 | | | dB | | |
| Isolation | Tap -> Tap | 5 MHz < F < 10 MHz | 36 | | | dB | | |
| | | 10 MHz < F < 862 MHz | 40 | | | dB | 1 | |
| | | 862 MHz < F < 1000 MHz | 30 | | | dB | | |
| Screening Effectiveness | - | 5 MHz < F < 300 MHz | 85 | 95 | | dB | 2 | |
| | | 300 MHz < F < 470 MHz | 80 | 90 | | dB | 2 | |
| | | 470 MHz < F < 1000 MHz | 75 | 85 | | dB | 2 | |
| Intermodulation p+q (min) | All ports DC blocked | | | | -115 | dB | 3 | |

Remark(s)

1 : F > 40 MHz -1.5 dB/oct:

2 : Transfer impedance method according IEC 60728-2 (5-30 MHz) Absorbion clamp method according IEC-60728-2 § 4.4 (30-1000 MHz):

3 : Two carriers (50 & 55MHz),out/ tap to in, @ 120dBµV, after 10 pulses (25V/1,2µS risetime/500µS duration) at all ports.: