

RCT 1.2 GHz SPLITTERS

RCT is a new line of splitters designed for cable TV, terrestrial TV, and DOCSIS Internet installations. Unlike traditional TV splitters, the RCT series covers a frequency range including FM/VHF/UHF and the DOCSIS 3.1 spectrum, ranging from 5 to 1218 MHz.

They will perform excellently in every home DVB-T/T2 installation as well as in cable installations (DVB-C + DOCSIS). They provide high mismatch attenuation parameters from 5 MHz all the way to the end of the spectrum, ensuring high quality of distributed signals and communication in the return channel. Low insertion loss will increase the power budget, possibly allowing for a reduction in the number of amplifiers in the installation.



MAIN FEATURES:

- Casing: High-quality cast housing coated with copper and zinc alloy
- Female F connectors
- Ideal for DVB-T2, DVB-C, DOCSIS 3.0 and 3.1
- Frequency range: 5-1218 MHz
- EMI - RFI > -120dB
- Mismatch attenuation > 20dB

Suggested products:

- Coaxial Cable TT 102 Cu Trishield - ensuring high quality for every DVB-T2 or HFC installation
- FT series compression connectors
- RS series splitters

TECHNICAL PARAMETERS

| Type | Frequency range | RCT-2 | RCT-3B | RCT-4 | RCT-6 | RCT-8 |
|------------------------------------|-----------------------------------------------|-------|------------------------------------------------|-------|-------|-------|
| Insertion loss (IN-OUT) max. dB | 5-47MHz | 3,6 | 5,5 | 7,0 | 9,5 | 10,5 |
| | 47-470MHz | 3,6 | 5,9 | 7,5 | 9,5 | 10,5 |
| | 470-862MHz | 3,8 | 6,5 | 8 | 10,5 | 11 |
| | 862-1000MHz | 4 | 6,5 | 8 | 11 | 12 |
| | 1000-1220MHz | 4,2 | 6,5 | 8,5 | 11,5 | 12,5 |
| Isolation (OUT-OUT) min dB | 5-47MHz | 22 | 22 | 21 | 20 | 20 |
| | 47-470MHz | 25 | 25 | 25 | 22 | 22 |
| | 470-862MHz | 25 | 25 | 25 | 25 | 25 |
| | 862-1000MHz | 25 | 25 | 25 | 25 | 25 |
| | 1000-1220MHz | 25 | 25 | 25 | 24 | 24 |
| Return loss (IN and OUT) min dB | 5-47MHz | 20 | 20 | 20 | 20 | 20 |
| | 47-470MHz | 22 | 22 | 22 | 22 | 22 |
| | 470-862MHz | 22 | 22 | 22 | 22 | 22 |
| | 862-1000MHz | 22 | 22 | 22 | 22 | 22 |
| | 1000-1220MHz | 22 | 22 | 22 | 22 | 22 |
| Shielding | CLASS A (>120dBi) | | | | | |
| Impedance | 75 Ohm | | | | | |
| Index | WPA-0101-050-01 RCT-2 SPLITTER 2X 1.2G TELMOR | | WPA-0101-051-01 RCT-3B SPLITTER 3X 1.2G TELMOR | | | |
| | WPA-0101-053-01 RCT-4 SPLITTER 4X 1.2G TELMOR | | WPA-0101-054-01 RCT-6 SPLITTER 6X 1.2G TELMOR | | | |
| | WPA-0101-055-01 RCT-8 SPLITTER 8X 1.2G TELMOR | | | | | |