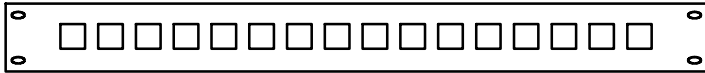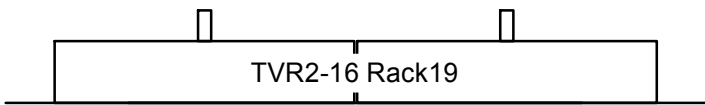# Technical datasheet

FlexCabling

TV and Radio Splitter

Input: 2 x F-Type coax

TVR2-16 Rack19

Output: 16 x RJ45 STP

Description

The "TV and Radio Splitter" functions as both an interface and splitter between unbalanced 75 ohm and balanced 100 ohm systems (Ethernet cabling).

With the "TV and Radio Splitter" distribution of high quality RF broadband signals (TV and radio) through C5e cables become possible.

The "TV and Radio Splitter" can be used with both traditional antenna, digital antenna, CATV and all other antenna signals up to 862 MHz.

The splitter also support return path signals.

Connect a attenuator in front of the first input, to make compensation of short and long network cables.

Product Type: TVR2-16 Rack19

Included:
2 pcs. FC TV/R Splitter 1-8
1 pcs. 19" rack panel 1RU

Input: 2 x 75 ohm unbalanced F-Type coax
Output: 16 x 100 ohm balanced RJ45 STP

Frequency range: 5-862 MHz
Also support return path signals

Max. input to meet CE (5-230 MHz): 99 dBuV
Max. input to meet CE (230-862 MHz): 105 dBuV

Transmission media: min. Cat 5e network cable
Shielded cables are recommended.

Max. cable length depend on, what signal type and frequency you want to distribute.

Return Loss: 12 dB (min. 9 dB)
Insertion Loss (5-230 MHz): max. 11 dB
Insertion Loss (230-862 MHz): max. 17 dB

Dimensions: 483mm(W) x 44mm(H) x 54mm(D)

Weight: 798g

Temperature range: -10 to +50 C

RoHS $C \in$

Connection sample

Antenna, CATV etc.

Coax Cable

FlexCabling Amplifier and Broadband Matching Filter

Coax Cable

TV and Radio Splitter   Patch Cable

Patch Panel

Min. C5e Network Cable

TV or Radio

FlexCabling TV/R Cable