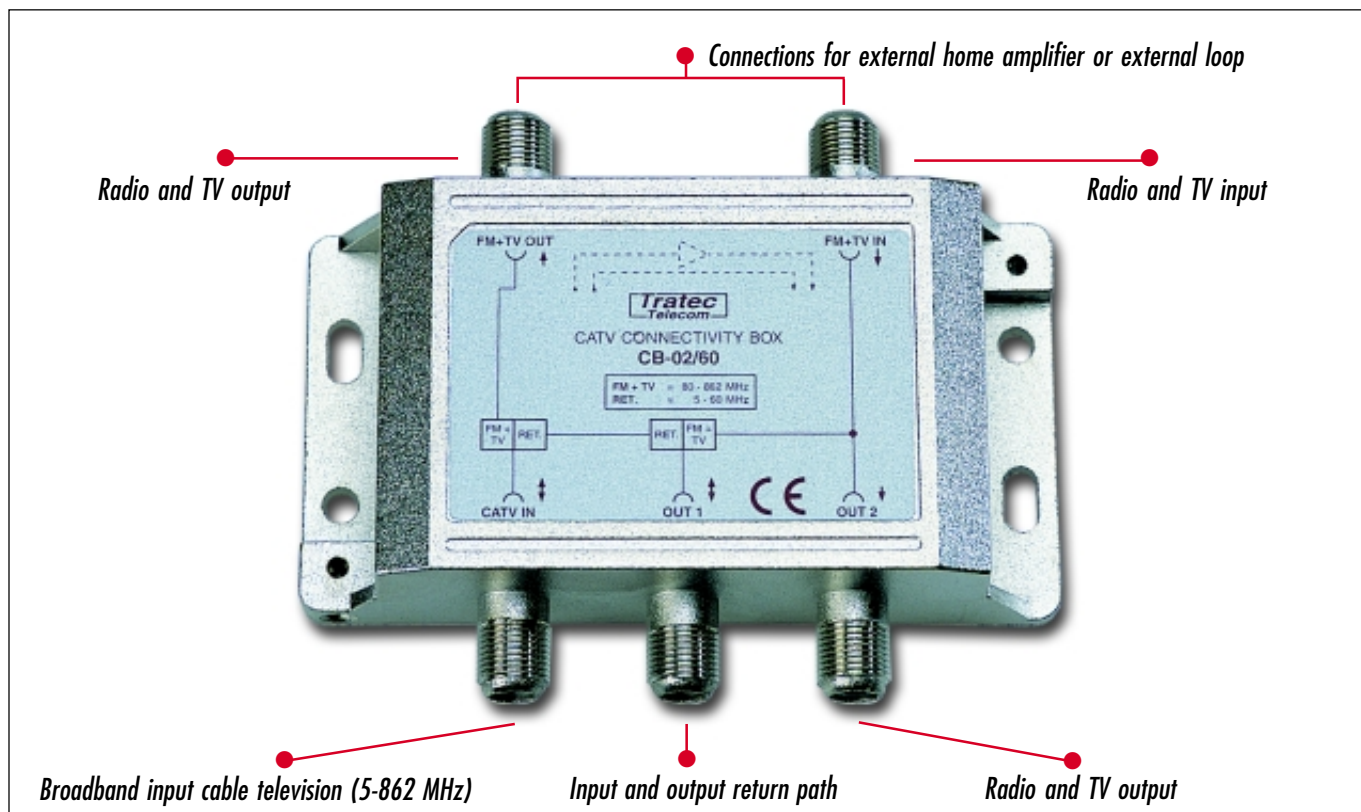


TRATEC'S CONNECTIVITY BOX

CB-02 & CB-03



THE TRATEC CONNECTIVITY BOX

The Tratec Connectivity box offers very flexible solutions to extend the network e.g. with a cable modem. In case the insertion losses of the in-house network are too high, simply disconnect the loop and connect a suitable home amplifier between the radio and TV output and radio and TV input (refer to drawing).

The connectivity box is installed at the beginning of the in-house network. From there, RF signals are transported via the coaxial cables to the wall outlets and cable modem.

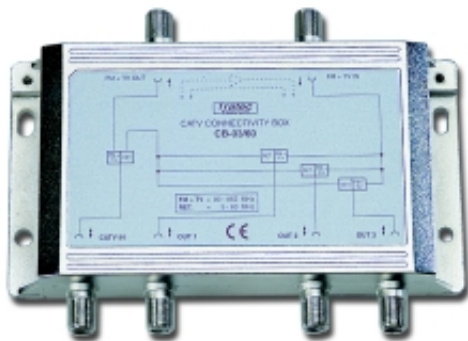
The connectivity box offers solutions for many of your problems:

- The connectivity box prevents interference between the TV and the modem due to the **high isolation** between the radio and TV output and the return path connection
- The connectivity box prevents loss of return path signal due to the **low insertion loss** for the cable modem signals
- Too high insertion losses in the in-house network are corrected by connecting a home amplifier externally so that the **input signals can be amplified**

CB-02/60	dB	MHz
Insertion loss input → output 1 *)	1,0 ± 1,0 11,5 ± 1,5	5-60 80-862
Insertion loss input → output 2 *)	2,0 ± 1,5	80-862
Return loss	18 20**)	5-60 80-862
Isolation output 1 → output 2	45 25	5-60 80-862
Isolation return path input → external loop	45	5-60
Outer dimensions (w x h x d) mm (incl. F-connectors)	100 x 82 x 28	

*) with external loop

** - 1,5 dB/oct (F = 40 MHz)



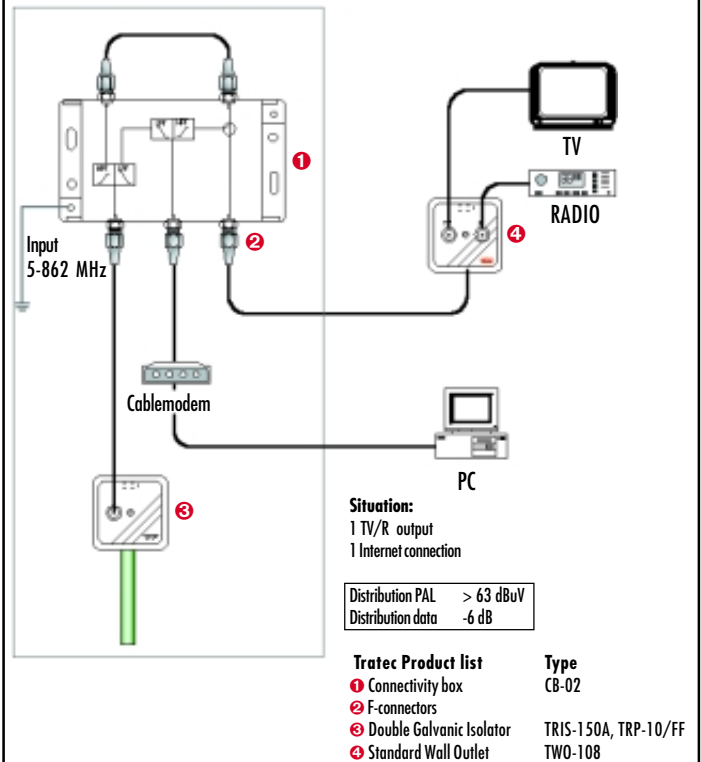
CB-03/60	dB	MHz
Insertion loss input → output 1 *)	9,0 ± 1,0 12,5 ± 1,5	5-60 80-862
Insertion loss input → output 2 *)	10,5 ± 1,0 15,0 ± 1,5	5-60 80-862
Insertion loss input → output 3 *)	11,0 ± 1,0 11,0 ± 1,5	5-60 80-862
Return loss	18 20**)	5-60 80-862
Isolation outputs	40 25	5-60 80-862
Outer dimensions (w x h x d) mm (incl. F-connectors)	150 x 110 x 28	

*) with external loop

** - 1,5 dB/oct (F = 40 MHz)

ALL SPECIFICATIONS ARE SUBJECT TO MODIFICATION WITHOUT NOTICE.

APPLICATION: CB-02 WITH EXTERNAL LOOP



APPLICATION: CB-02 WITH EXTERNAL AMPLIFIER

