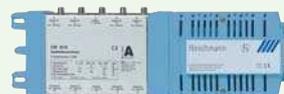


Launch Amplifier, Post Amplifier, Cascade Switch (5 cable system)

Type	CVE 5510	CVE 5520	CNV 5510
Order No.	947 635-003	947 620-003	947 636-003



Common features

- For analog and digital signal inputs
- Powered by the built-in power supply unit
- Metal housing with plastic side brackets for mounting indoors
- Broadband and return path suitable (passive)
- Conforms to EN 50083-1, -2



Feed amplifier

- Used as feed-in for the multiswitch five-cable system
- Separate input for terrestrial signal feed and separate routing
- Remote voltage transferred via the input to the LNB

Cascade switch

- For distributing 4 SAT IF signals and terrestrial signals to 4 or 8 users in combination with CVE 5510 R or CVE 5520 R feed amplifiers
- The CMK is remotely powered via the connected receiver
- Each user output can switch to one of the four SAT inputs using the switch command 13/18 V and 0/22 kHz
- The terrestrial signals are present even when the receiver is switched off
- All conductors after the CVE 5510 R or CVE 5520 R feed amplifier carry no voltage
- For maximum reliability in digital technology, all cascade switches are equipped with the high-tech ASIC component
- SAT IF signals and terrestrial signals are amplified and routed separately

Postamplifier

- For amplifying 4 SAT IF signals and terrestrial signals
- SAT IF signals and terrestrial signals are amplified and routed separately

Applications	CVE 5510	CVE 5520	CNV 5510
Device type	Feed amplifier	Feed amplifier	Postamplifier
Inputs	5	5	5
Loop-through outputs	5	5	5
Frequency range			
terrestrial	5 - 862 MHz	5 - 862 MHz	5 - 862 MHz
satellite	950 -2400 MHz	950 -2400 MHz	950 -2400 MHz
Throughpass attenuation			
Connection attenuation			
Decoupling satellite / terrestrial			
terrestrial	40 dB	40 dB	40 dB
satellite	40 dB	30 dB	40 dB
Decoupling satellite / satellite			
terrestrial	40 dB	45 dB	40 dB
satellite	40 dB	35 dB	40 dB
Decoupling subscriber / subscriber			
Gain			
terrestrial	10 -11 dB	19 -23 dB	10 -11 dB
satellite	7 -12 dB	22 -26 dB	7 -12 dB
Level control			
terrestrial	-	0 ... 20 dB	0 ... 20 dB
satellite	-	0 ... 20 dB	
Output level			
terrestrial (IMR 3)	114 dB μ V	114 dB μ V	114 dB μ V
satellite (IMR 3)	107 dB μ V	114 dB μ V	107 dB μ V
terrestrial (IMR 2)	103 dB μ V	102 dB μ V	103 dB μ V
satellite (IMR 2)	94 dB μ V	102 dB μ V	94 dB μ V
Switching			
RF connections			
F connectors	75 Ω	75 Ω	75 Ω
Operating conditions			
LNB remote feeding	Max. 500 mA	Max. 500 mA	
Power connection	230 V~/ 50-60 Hz	230 V~/ 50-60 Hz	230 V~/ 50-60 Hz
Weight	1.500 g	1.500 g	1.500 g
Other features			
Level Control		All inputs	All inputs
Return path suitable	Yes	Yes	Yes
Technical data			
Dimensions \emptyset	348x83x115 mm	348x83x115 mm	348x83x115 mm