



VX 53 A



Packaging data

| | |
|-----------------------------------|--------------------|
| Sales unit | 1 pcs. |
| Packaging volume shipping package | 15 dm ³ |
| Gross Weight shipping unit | 3.655 kg |
| EAN | 4010056704216 |
| Article number | 70421 |
| Customs tariff number | 85437030 |

Technical data

| | |
|-------------------------------------|--|
| Downstream | 1 pcs. |
| Inputs | 20 dB |
| Input measurement socket | >20 dB |
| Input return loss | >20 dB |
| Frequency range DS | 47/85...1006 MHz |
| Gain DS | 41(37) dB (with VX 58 for control range ALSC) |
| Noise figure DS | ≤6,5 dB |
| Loss DS | 0...15 dB (0,1 dB-steps) |
| Equalizer DS | 0...15 dB (0,1 dB-steps) |
| Interstage attenuator DS | 0/5/10 dB |
| Interstage equalizer DS | 0/6/9 dB |
| Output level 1 | 1x 111 dBμV (CENELEC 42 channels, flat, at CSO/CTB >60 dB) |
| Output level 2 | 1x 114 dBμV (CENELEC 42 channels, 6 dB slope, at CSO/CTB >60 dB) |
| Output test jack | 20 dB |
| Output return loss | >20 dB |
| Output splitter | 1 pcs. (Output level -4 dB with output splitter) |
| Return path | |
| Frequency range US | 5...30/65 MHz Depending on diplexers |
| Amplifying US | 30 dB |
| Noise figure US | ≤7 dB |
| Loss US input | 0...30 dB (0,1 dB-steps) |
| Loss US output | 0...30 dB (0,1 dB-steps) |
| Equalizer US | 0...10 dB (0,5 dB-steps) |
| Output level 4 | 116 dBμV |
| ICS, US | 0/-8/-45 dB |
| Return channel test point | 20 dB |
| Connectors | |
| PG11 | 4 pcs. |
| General data | |
| Operating voltage AC | 27...65 V (50/60 Hz) |
| Power consumption | 23/21 W (with/without transponder) |
| Remote power | <8 A |
| Screening factor | dB Class A, EN 50083-2 |
| Dimensions (width x height x depth) | 261x215x100,4 mm |
| Operating temperature range | -20...+55 °C |
| Protection class | IP66 |
| Lightning protection | kV at all inputs and outputs |

Title

VX 53 A

Short description

Universal line amplifier, remote supplied

Description

Universal line amplifier, remote supplied

Active single output

All settings with OH 41 A handset or LMT (laptop) when using a HMS-transponder

Interface for NMS-function

Diplex-filter module, splitter-/tap module pluggable

Return channel amplifier pluggable

ASC module VX 58