

2 - 3 GHz DOWN CONVERTER

The **CV-223** is a radio frequency down converter for the 2020 to 3000 MHz frequency range. This band which is 1000 MHz wide is down converted to the frequency range from 20 to 1000 MHz so that it can be viewed and measured using a spectrum analyser.

It is an active device and it must be supplied from the spectrum analyser via the LNB power supply.

The **CV-223** down converter can be used together with a spectrum analyser like the built-in **HD RANGER**, **TV EXPLORER** or **PROLINK** ranges spectrum analysers.

Possible applications cover wireless point to point link alignment or measurement of TV COFDM radio links.



SPECIFICATIONS	CV-223 DOWN CONVERTER 2 - 3 GHz
RF input Range	From 2020 to 3000 MHz
RF input connector	N type
RF output Range	From 20 to 1000 MHz
IF output connector	N type
LO Frequency	2000 MHz
Gain	30 dB typ.
Supply voltage	+9...+15 VDC via output IF connector
Current consumption	260 mA
Dimensions	81 (W) x 105 (H) x 22 (D) mm
Weight	307 grs.
Included accessories	1 x BNC / BNC coaxial cable (CC-024) 2 x "N" M / "BNC" F adapter (AD-059)