

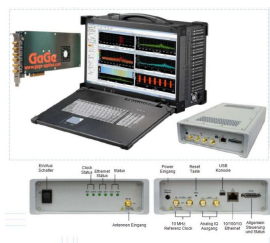
Overview about Broadband Downconverter

Broadband Downconverter from 100 kHz to 27 GHz

Broadband Downconverter

100 kHz to 8 GHz

Type [DC8G100](#)



Frequency range: 100 kHz - 8 GHz

Standard bandwidth:

100 MHz (0 Hz ZF),
40 MHz (35 MHz ZF)
10 MHz (35 MHz ZF)

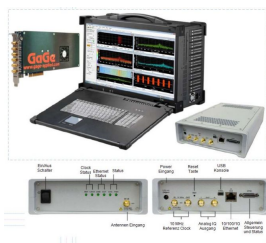
Optional bandwidth:

160 MHz (0 Hz ZF),
80 MHz (55 MHz ZF)
10 MHz (35 MHz ZF)

Broadband Downconverter

100 kHz to 18 GHz

Type [DC18G100](#)



Frequency range: 100 kHz - 18 GHz

Standard bandwidth:

100 MHz (0 Hz ZF),
40 MHz (35 MHz ZF)
10 MHz (35 MHz ZF)

Optional bandwidth:

160 MHz (0 Hz ZF),
80 MHz (55 MHz ZF)
10 MHz (35 MHz ZF)

Broadband Downconverter

100 kHz to 27 GHz

Type [DC27G100](#)



Frequency range: 100 kHz - 27 GHz

Standard bandwidth:

100 MHz (0 Hz ZF),
40 MHz (35 MHz ZF)
10 MHz (35 MHz ZF)

Optional bandwidth:

160 MHz (0 Hz ZF),
80 MHz (55 MHz ZF)
10 MHz (35 MHz ZF)

GaGe Digitizer für Downconverter

For broadband Downconverter
mit **standard bandwidth**

For broadband Downconverter
mit **optionaler bandwidth**

For broadband Downconverter
mit **optimaler bandwidth**

16 Bit Digitizer (200MS/s)

2 Channel: [CompuScope Express 1622](#)

4 Channel: [CompuScope Express 1642](#)



Resolution: 16 Bit

Input channels: 2 oder 4

Sampling rate per ch.: 200 MS/s

Bandwidth: 125 MHz

Bus: PCI Express x8 (8 Lane)
Gen-3

Transfer speed: +3,1 GB/s

Memory: 4 GS (bis 8 optional)

16 Bit Digitizer (1 GS/s)

2 Channel: [CompuScope Express 161G2](#)

4 Channel: [CompuScope Express 161G4](#)



Resolution: 16 Bit

Input channels: 2 oder 4

Sampling rate per ch.: 1 GS/s

Bandwidth: 700 MHz

Bus: PCI Express x8 (8 Lane)
Gen-3

Transfer speed: +4 GB/s

Memory: 4 GS

12 Bit Digitizer (3 GS/s)

2 Kanal: [CompuScope Express123G2](#)



Resolution: 12 Bit

Input channels: 2

Sampling rate per ch.: 3 GS/s

Bandwidth: up to 2 GHz

Bus: PCI Express x8 (8 Lane)
Gen-2

Transfer speed: 3,1 GB/s

Memory: 4 GS (b. 8GS optional)