

## Accessories: Mechanical components



### Rack adapters

We offer rack adapters for the installation of all FuG- tabletop models into 19" systems. They are available for mounting heights from 2U to 9U and both for 19" and for 1/2 19" units.

For retrofitting of 19" rack adapters please state the height of the front panel!



Rack adapter for a 19"- unit

Detail:



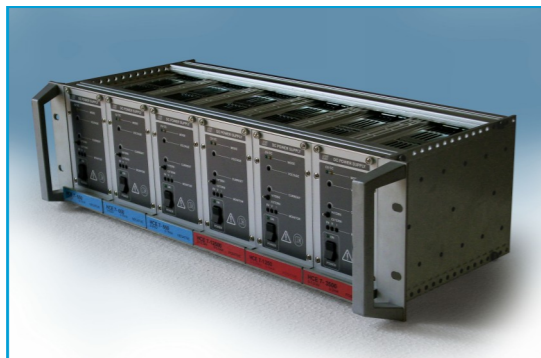
Rack adapter for a 1/2 19" unit with 1/2 19" blind panel



Rack adapter for two 1/2 19" units

### 19" frames and tabletop cases

For our cassette power supplies of the HCE series, we offer 19" frames (on the left) or tabletop cases (on the right).



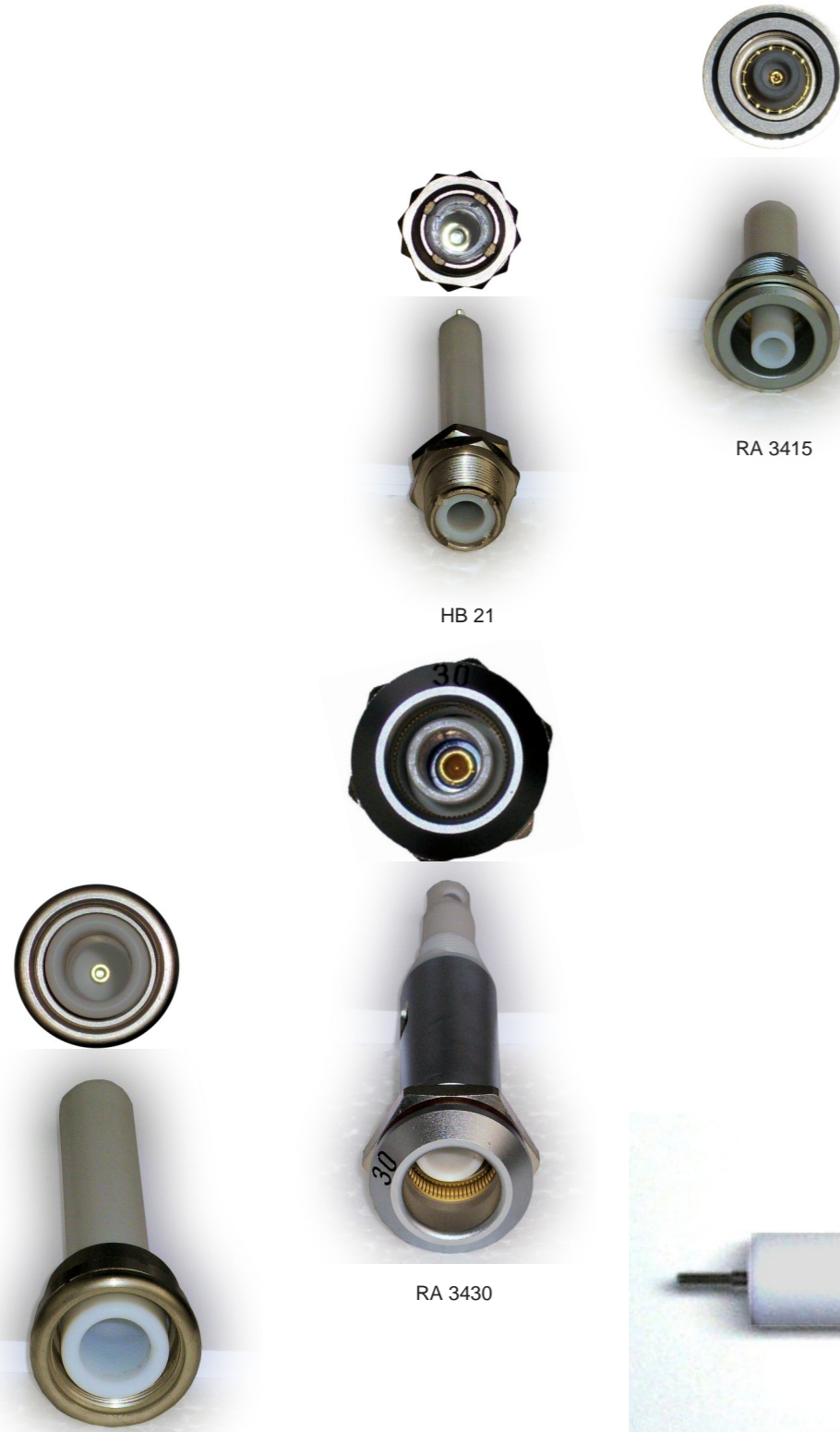
**Empty cases and milled front plates according to your specification**  
We are pleased to offer to you on request.

## Accessories: High voltage cables



Type	Design (Diameter in mm)	Max. Cable operating voltage	Mating connector (Operating voltage connector)
RG 58 Mat.- Nr.: 0502030100 Capacitance/m: 101pF Impedance: 50Ω Ambient temperature: -50°C ... +80°C Bending radius: 10cm (repeated) 2,5cm (once) Max. current: max. 10A		10kV DC	SHV 6,5kV
130660 Mat.- Nr.: 0502030130 Capacitance/m: 82,7pF Impedance: 20Ω Ambient temperature: -5°C ... +85°C Bending radius: 20cm (repeated) 3cm (once) Max. current: max.4A		30kV DC	HS21 F3415 20kV
RG 11 Mat.- Nr.: 0502030200 Capacitance/m: 68pF Impedance: 75Ω Ambient temperature: -50°C ... +80°C Bending radius: 20cm (repeated) 5 m (once) Max. current: max. 6A		50kV DC	F3430 35kV
C 2124 Mat.- Nr.: 0502032124 Capacitance/m: 99pF Impedance: 61Ω Ambient temperature: -50°C ... +60°C Bending radius: 15,2cm Max. current: max. 27A		100kV DC	HVS 65 65kV HVS 100 100kV
C 2121 Mat.- Nr.: 0502032121 Capacitance/m: 95pF Impedance: 51Ω Ambient temperature: -50°C ... +60°C Bending radius: 21,6cm Max. current: max. 30A		150kV DC	Special plug, available only complete with cable
C2134 Mat.- Nr.: 0502032134 Capacitance/m: 102pF Impedance: 64Ω Ambient temperature: -50°C ... +60°C Bending radius: 25,4cm Max. current: max. 55A		200kV DC	Special plug, available only complete with cable

## Accessories: High voltage sockets



RA 3415

HB 21

RA 3430

B 150



SHV-panel connector



SHV- cable jack



## Accessories: High voltage connectors



SHV- cable jack



F 3415



HS 21



F 3430



S 150, HVS 65, HVS 100, HVS 150 (Difference only in length)

### Provided plugs and matching cables for FuG power supplies

For all medium and high voltage power supplies, the appropriate output connectors, as mentioned in the table (excluding banana plugs) are included in the delivery of the unit. Additional connectors (as shown in page 51) can be delivered on request.

For power supply types, not listed in the below table, the output will be designed with special high voltage sockets, chopper bars or clamps. As far as necessary the mating plugs will be also included in the delivery.

Type	Connector type	Quantity included	Stock number	matching cable	Comment
MCA 750-1500	to MCA 3000-1500	SHV cable jack	2	0301041105	RG 58
MCA 750-3000	to MCA 9000-3000	SHV cable jack	1	0301041105	RG 58
MCP 14-650	to MCP 5000-650	SHV cable jack	2	0301041105	RG 58
MCP 14-1250	to MCP 10000-1250	SHV cable jack	2	0301041105	RG 58
MCP 14-2000	to MCP 15000-2000	SHV cable jack	2	0301041105	RG 58
MYN 21000-2000		SHV cable jack	2	0301041105	RG 58
HCP 14-3500	to HCP 15000-3500	SHV cable jack	1	0301041105	RG 58
HCP 14-6500	to HCP 15000-6500	SHV cable jack	1	0301041105	RG 58
HCP 14-12500	to HCP 2800-12500	HS21	1	0301040425	130 660
HCP 14-20000	to HCP 140-20000	HS21	1	0301040425	130 660
HCP 350-20000	to HCP 4200-20000	F 3430 AG 10,2	1	0301040455	RG 11
HCP 35-35000	to HCP 4200-35000	F 3430 AG 10,2	1	0301040455	RG 11
HCP 35-65000	to HCP 2800-65000	HVS 65	1	0301040570	C 2124 inclusive 3m cable
HCP 140-100000	to HCP 1400-100000	HVS 100	1	0301040605	C 2124 inclusive 3m cable
HCP 140-150000	to HCP 700-150000	HVS 150	1	0301040655	C 2121 inclusive 3m cable
HCH 10000-1250		SHV cable jack	1	0301041105	RG 58
HCH 10000-2000	and HCH 15000-2000	SHV cable jack	1	0301041105	RG 58
HCH 10000-3500	to HCH 30000-3500	SHV cable jack	1	0301041105	RG 58
HCH 10000-6500	to HCH 50000-6500	SHV cable jack	1	0301041105	RG 58
HCH 10000-12500	to HCH 50000-12500	F 3415 AG 6,2	1	0301040356	130 660
HCH 10000-20000	to HCH 50000-20000	F 3430 AG 10,2	1	0301040455	RG 11
HCH 10000-35000	to HCH 50000-35000	F 3430 AG 10,2	1	0301040455	RG 11
HCH 4200-65000	to HCH 50000-65000	HVS 65	1	0301040570	C 2124 inclusive 10m cable
HCH 2800-100000	to HCH 50000-100000	HVS 100	1	0301040605	C 2124 inclusive 10m cable
HYN 21000-3500	to HYN 35000-3500	SHV cable jack	1	0301041105	RG 58
HYN 70000-3500		Copper busbar			
HYN 21000-6500	to HYN 70000-6500	SHV cable jack	1	0301041105	RG 58
HYN 21000-12500	to HYN 50000-12500	F 3415 AG 6,2	1	0301040356	130 660
HYN 7000-20000	to HYN 50000-20000	F 3430 AG 10,2	1	0301040455	RG 11
HCE 7-1250	to HCE 350-1250	SHV cable jack	1	0301041105	RG 58
HCE 7-2000	to HCE 350-2000	SHV cable jack	1	0301041105	RG 58
HCE 7-3500	to HCE 350-3500	SHV cable jack	1	0301041105	RG 58
HCE 7-6500	to HCE 350-6500	SHV cable jack	1	0301041105	RG 58
HCE 7-12500	to HCE 350-12500	F 3415 AG 6,2	1	0301040356	130 660
HCE 7-20000	to HCE 350-20000	F 3415 AG 6,2	1	0301040356	130 660
HCE 7-35000	to HCE 350-35000	F 3430 AG 10,2	1	0301040455	RG 11
HCK 100-2000	to HCK 10000-2000	SHV cable jack	1	0301041105	RG 58
HCK 100-3500	to HCK 10000-3500	SHV cable jack	1	0301041105	RG 58
HCK 100-6500	to HCK 10000-6500	F 3415 AG 6,2	1	0301040356	130 660
HCK 20000-6500		F 3430 AG 10,2	1	0301040455	RG 11
HCK 100-12500	to HCK 20000-12500	F 3415 AG 6,2	1	0301040356	130 660
HCK 100-20000	to HCK 20000-20000	F 3430 AG 10,2	1	0301040455	RG 11
HCK 100-35000	to HCK 20000-35000	S 150 Teflon	1	0301040556	C 2032 SNU
HCK 100-65000	to HCK 20000-65000	HVS 65 Teflon	1	0301040569	C 2184 incl. cable
HCB 1,4-1250	to HCB 70-6500	SHV cable jack	1	0301041105	RG 58
HCB 14-12500	to HCB 140-12500	F 3415 AG 6,2	1	0301040356	130 660
HCB 20-20000	to HCB 200-20000	F 3430 AG 10,2	1	0301040455	RG 11