



**montena**

## High Voltage Coaxial Connectors and Cables



Socket HVM50K-S



Cable connector HVM200K-CA

Montena proposes high voltage RF 50 ohm coaxial connectors and cables specially developed for fast high voltage pulse transmission up to 200 kV.

### SPECIFICATIONS - CONNECTORS

Type	HVM50K (75 kV)	HVM200K (200 kV)
Reference (female socket)	HVM50K-S	HVM200K-S
Reference (male cable connector)	HVM50K-CA	HVM200K-CA
Recommended cable	RG217/U	RG218/U
Standard	proprietary	proprietary
Impedance	50 ohm	50 ohm
Maximum DC voltage	25 kV	75 kV
Maximum pulse voltage (for pulses shorter than 1 ns)	75 kV	200 kV
Rise time	88 ps	220 ps
Frequency range	DC - 4 GHz	DC – 1.6 GHz

### CABLE ASSEMBLIES

Type	HVM50K (75 kV)	HVM200K (200 kV)
HVMxxK to HVMxxK	HVK50-X <sup>1</sup>	HVK200-X <sup>1</sup>
HVMxxK to N	HVK50-N-X <sup>1</sup>	HVK200-N-X <sup>1</sup>
HVMxxK to open end	HVK50-O-X <sup>1</sup>	HVK200-O-X <sup>1</sup>

<sup>1</sup> : x is the length in cm. Available in lengths of 50, 100 and 200 cm.