

# Accessories: High voltage cables



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