

These include the widely used [CY cable](#), [SY cable](#), [YY cable](#), and [LiYCY](#) & [LiYY cables](#) designed for a wide range of industrial process automation applications, including signal transmission, measurement, control and regulation. These control cables are often referred to by the application, such as machinery supply cable, motor cable and robotics cable. They are also known as multi-core cables, control flex and control flexible cables.

Depending on their construction properties, these flexible cables can be suitable for use under light, medium or high mechanical stresses. They also offer various degrees of protection against electrical interference and resistance to caustic substances and oils.

## CONTROL CABLES - VDE STANDARDS

Eland Cables supplies the full portfolio of flexible control cables manufactured in accordance with VDE0250 standards, which includes:

<a href="#">YY cable (YSLY / HSLH)</a>	Versatile unscreened or unshielded cable suitable for most situations where there is only light mechanical stress
<a href="#">CY cable (YSLCY / HSLCH)</a>	Multicore screened flexible cable with Polyethylene Terephthalate (PETP) for electromagnetic interference free-transmission
<a href="#">SY cable (YSLYSY / HSLHSH)</a>	Flexible shielded cable with galvanised steel wire braid for additional mechanical protection
<a href="#">LiYCY cable</a>	Screened and shielded cable for applications where moderate mechanical stress and electromagnetic screening is required
<a href="#">LiYY cable</a>	Unscreened and unshielded cable for light duty in dry and humid environments
<a href="#">LiHH cable</a>	Unscreened LSZH low capacitance control
<a href="#">LiHCH cable</a>	Screened LSZH data transmission cable