

BO-FLEX 110 LT

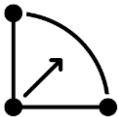
PVC control cable, cold-resistant, flexible, UV-resistant, for low temperature and outdoor use, 300/500V, also for YSLY or YY arctic grade



Image for illustration only

Conductor:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Insulation:	PVC, cold-resistant
Colour Code:	Black with white numbers
Outer Sheath:	PVC, cold-resistant, black
Cable Printing:	- standard
Technical Data & Standard References	Advantage Inexpensive control cable for flexing outdoor use Space-saving installation due to small cable diameters High electrical performance due to 4 kV test voltage
	Product features Flame-retardant according IEC 60332-1-2 Flexible down to -30°C UV and weather-resistant according to ISO 4892-2 Ozone-resistant according to EN 50396
	Norm references / Approvals: Based on EN 50525-2-51
	Technical Data: Nominal Voltage: U0/U: 300/500 V Test Voltage: 4000 V Torsion movement in WTG: TW-0 & TW-2, refer to Appendix T0 Minimum bending radius: Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter Temperature range: Occasional flexing: -30°C to +70°C Fixed installation: -40°C to +80°C

TECHNICAL DATA AND PRODUCT FEATURES

	TEMPERATURE RANGE Occasional flexing: -30°C to +70°C Fixed installation: -40°C to +80°C
	WORKING VOLTAGE U ₀ /U: 300/500 V
	TEST VOLTAGE 4000 V
	UV RESISTANCE Yes
	OZONE RESISTANCE EN 50396
	BENDING RADIUS Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter

Application: Plant engineering Industrial machinery Heating and air-conditioning systems Freezing plants, cold storage Suitable for outdoor applications Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)