



## SPRING REEL PUR CABLE

DIN VDE 0250

20 orderable sizes

STANDARD <b>DIN VDE 0250</b>	VOLTAGE CLASS <b>300/500 V</b>	CONDUCTOR <b>Flexible copper conductor</b>
INSULATION / JACKET <b>PUR highflex outer sheath</b>		

### Construction

- 1 ■ **Conductor (per core)** – Flexible copper conductor · 30 × Ø0.25 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – Special polymer core insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Sheath** – PUR highflex outer sheath

### Size selection — all available cross-sections

Cable reference	Reel duty	Reel system	Core / element design	Conductor size	Max DC resistance at 20 °C	OD guide	Tensile support
PUR highflex spring reel cable 300/500 V Spring cable reel 4G 0.75 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	4G	0.75 mm <sup>2</sup>	24.7 Ω/km	15.1 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 4G 1.0 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	4G	1.0 mm <sup>2</sup>	18.5 Ω/km	15.4 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 4G 1.5 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	4G	1.5 mm <sup>2</sup>	12.7 Ω/km	15.8 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 4G 2.5 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	4G	2.5 mm <sup>2</sup>	7.6 Ω/km	16.6 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 7G 0.75 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	7G	0.75 mm <sup>2</sup>	24.7 Ω/km	16.6 mm	Central high-tech yarn support

Cable reference	Reel duty	Reel system	Core / element design	Conductor size	Max DC resistance at 20 °C	OD guide	Tensile support
PUR highflex spring reel cable 300/500 V Spring cable reel 7G 1.0 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	7G	1.0 mm <sup>2</sup>	18.5 Ω/km	16.8 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 7G 1.5 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	7G	1.5 mm <sup>2</sup>	12.7 Ω/km	17.3 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 7G 2.5 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	7G	2.5 mm <sup>2</sup>	7.6 Ω/km	18.0 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 12G 0.75 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	12G	0.75 mm <sup>2</sup>	24.7 Ω/km	18.4 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 12G 1.0 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	12G	1.0 mm <sup>2</sup>	18.5 Ω/km	18.6 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 12G 1.5 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	12G	1.5 mm <sup>2</sup>	12.7 Ω/km	19.1 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 12G 2.5 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	12G	2.5 mm <sup>2</sup>	7.6 Ω/km	19.8 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 18G 0.75 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	18G	0.75 mm <sup>2</sup>	24.7 Ω/km	20.1 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 18G 1.0 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	18G	1.0 mm <sup>2</sup>	18.5 Ω/km	20.3 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 18G 1.5 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	18G	1.5 mm <sup>2</sup>	12.7 Ω/km	20.8 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 18G 2.5 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	18G	2.5 mm <sup>2</sup>	7.6 Ω/km	21.5 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 25G 0.75 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	25G	0.75 mm <sup>2</sup>	24.7 Ω/km	21.7 mm	Central high-tech yarn support

Cable reference	Reel duty	Reel system	Core / element design	Conductor size	Max DC resistance at 20 °C	OD guide	Tensile support
PUR highflex spring reel cable 300/500 V Spring cable reel 25G 1.0 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	25G	1.0 mm <sup>2</sup>	18.5 Ω/km	22.0 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 25G 1.5 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	25G	1.5 mm <sup>2</sup>	12.7 Ω/km	22.4 mm	Central high-tech yarn support
PUR highflex spring reel cable 300/500 V Spring cable reel 25G 2.5 mm <sup>2</sup>	Spring reel and light dynamic winding	Spring cable reel	25G	2.5 mm <sup>2</sup>	7.6 Ω/km	23.2 mm	Central high-tech yarn support

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