



SHIELDED PUR REELING CABLE

DIN VDE 0250

16 orderable sizes

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

Construction

- 1 ■ **Conductor (per core)** – Flexible copper conductor · 24 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – Special polymer core insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Shield** – Braid shield (C)
- 5 ■ **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
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 4G 0.75 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	4G	0.75 mm ²	24.7 Ω/km	16.3 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 4G 1.0 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	4G	1.0 mm ²	18.5 Ω/km	16.6 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 4G 1.5 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	4G	1.5 mm ²	12.7 Ω/km	17.0 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 4G 2.5 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	4G	2.5 mm ²	7.6 Ω/km	17.8 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V	Spring reel control with	Screened spring	7G	0.75 mm ²	24.7 Ω/km	17.8 mm	Central high-tech

Cable reference	Reel duty	Reel system	Core / element design	Conductor size	Max DC resistance at 20 °C	OD guide	Tensile support
Screened spring cable reel 7G 0.75 mm ²	EMC requirement	cable reel					yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 7G 1.0 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	7G	1.0 mm ²	18.5 Ω/km	18.0 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 7G 1.5 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	7G	1.5 mm ²	12.7 Ω/km	18.5 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 7G 2.5 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	7G	2.5 mm ²	7.6 Ω/km	19.2 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 12G 0.75 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	12G	0.75 mm ²	24.7 Ω/km	19.6 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 12G 1.0 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	12G	1.0 mm ²	18.5 Ω/km	19.8 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 12G 1.5 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	12G	1.5 mm ²	12.7 Ω/km	20.3 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 12G 2.5 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	12G	2.5 mm ²	7.6 Ω/km	21.0 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 18G 0.75 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	18G	0.75 mm ²	24.7 Ω/km	21.3 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 18G 1.0 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	18G	1.0 mm ²	18.5 Ω/km	21.5 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 18G 1.5 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	18G	1.5 mm ²	12.7 Ω/km	22.0 mm	Central high-tech yarn support
Shielded PUR reeling control cable 300/500 V Screened spring cable reel 18G 2.5 mm ²	Spring reel control with EMC requirement	Screened spring cable reel	18G	2.5 mm ²	7.6 Ω/km	22.7 mm	Central high-tech yarn support