



SPREADER REELING CABLE

DIN VDE 0250

20 orderable sizes

| | | |
|---|--|--|
| STANDARD DIN VDE 0250 | VOLTAGE CLASS 0.6/1 kV power / control circuits | CONDUCTOR Flexible copper conductor |
| INSULATION / JACKET Halogen-free PUR spreader sheath | | |

Construction

- 1 ■ **Conductor (per core)** – Flexible copper conductor · 80 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – Special polymer power and control insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Shield** – Braid shield (C)
- 5 ■ **Sheath** – Halogen-free PUR spreader 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 |
|---|---|---------------------|-------------------------------|--------------------|----------------------------|----------|--------------------------------------|
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 4 power cores + control cores 4 mm² | Spreader reeling under high vertical movement | Spreader reel cable | 4 power cores + control cores | 4 mm ² | 4.7 Ω/km | 25.6 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 4 power cores + control cores 6 mm² | Spreader reeling under high vertical movement | Spreader reel cable | 4 power cores + control cores | 6 mm ² | 3.1 Ω/km | 26.5 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 4 power cores + control cores 10 mm² | Spreader reeling under high vertical movement | Spreader reel cable | 4 power cores + control cores | 10 mm ² | 1.83 Ω/km | 27.9 mm | Aramid or textile reinforced support |

| Cable reference | Reel duty | Reel system | Core / element design | Conductor size | Max DC resistance at 20 °C | OD guide | Tensile support |
|--|---|---------------------|------------------------------------|--------------------|----------------------------|----------|--------------------------------------|
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 4 power cores + control cores 16 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | 4 power cores + control cores | 16 mm ² | 1.15 Ω/km | 29.6 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 4 power cores + control cores 25 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | 4 power cores + control cores | 25 mm ² | 0.727 Ω/km | 31.6 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 4 power cores + data pair 4 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | 4 power cores + data pair | 4 mm ² | 4.7 Ω/km | 25.6 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 4 power cores + data pair 6 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | 4 power cores + data pair | 6 mm ² | 3.1 Ω/km | 26.5 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 4 power cores + data pair 10 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | 4 power cores + data pair | 10 mm ² | 1.83 Ω/km | 27.9 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 4 power cores + data pair 16 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | 4 power cores + data pair | 16 mm ² | 1.15 Ω/km | 29.6 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 4 power cores + data pair 25 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | 4 power cores + data pair | 25 mm ² | 0.727 Ω/km | 31.6 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 3 power cores + PE + control cores 4 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | 3 power cores + PE + control cores | 4 mm ² | 4.7 Ω/km | 25.0 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / | Spreader reeling | Spreader reel | 3 power cores + | 6 mm ² | 3.1 Ω/km | 25.9 mm | Aramid or textile |

| Cable reference | Reel duty | Reel system | Core / element design | Conductor size | Max DC resistance at 20 °C | OD guide | Tensile support |
|---|---|---------------------|------------------------------------|--------------------|----------------------------|----------|--------------------------------------|
| control circuits Spreader reel cable 3 power cores + PE + control cores 6 mm ² | under high vertical movement | cable | PE + control cores | | | | reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 3 power cores + PE + control cores 10 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | 3 power cores + PE + control cores | 10 mm ² | 1.83 Ω/km | 27.3 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 3 power cores + PE + control cores 16 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | 3 power cores + PE + control cores | 16 mm ² | 1.15 Ω/km | 29.0 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable 3 power cores + PE + control cores 25 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | 3 power cores + PE + control cores | 25 mm ² | 0.727 Ω/km | 31.0 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable Power + control + fiber element 4 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | Power + control + fiber element | 4 mm ² | 4.7 Ω/km | 25.6 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable Power + control + fiber element 6 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | Power + control + fiber element | 6 mm ² | 3.1 Ω/km | 26.5 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable Power + control + fiber element 10 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | Power + control + fiber element | 10 mm ² | 1.83 Ω/km | 27.9 mm | Aramid or textile reinforced support |
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable Power + control + fiber element 16 mm ² | Spreader reeling under high vertical movement | Spreader reel cable | Power + control + fiber element | 16 mm ² | 1.15 Ω/km | 29.6 mm | Aramid or textile reinforced support |

| Cable reference | Reel duty | Reel system | Core / element design | Conductor size | Max DC resistance at 20 °C | OD guide | Tensile support |
|---|---|---------------------|---------------------------------|--------------------|----------------------------|----------|--------------------------------------|
| Spreader PUR reeling cable 0.6/1 kV power / control circuits Spreader reel cable Power + control + fiber element 25 mm² | Spreader reeling under high vertical movement | Spreader reel cable | Power + control + fiber element | 25 mm ² | 0.727 Ω/km | 31.6 mm | Aramid or textile reinforced support |

UE Cable · China — sales@uecable.com · uecable.com Confirm colour, printing, packing length, delivery country and test documents on enquiry.