



VERTICAL REELING CABLE

DIN VDE 0250-814

36 orderable sizes

STANDARD DIN VDE 0250-814	VOLTAGE CLASS 0.6/1 kV	CONDUCTOR Flexible copper conductor
INSULATION / JACKET Polychloroprene rubber vertical-reeling sheath		

Construction

- 1 ■ Conductor (per core) – Flexible copper conductor · 80 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ Core insulation – EPR rubber insulation
- 3 ■ Filler – PP filler
- 4 ■ Sheath – Polychloroprene rubber vertical-reeling 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
NSHTOU-V 0.6/1 kV Vertical reel cable 4G 2.5 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	4G	2.5 mm ²	7.6 Ω/km	23.6 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 4G 4 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	4G	4 mm ²	4.7 Ω/km	24.4 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 4G 6 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	4G	6 mm ²	3.1 Ω/km	25.3 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 4G 10 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	4G	10 mm ²	1.83 Ω/km	26.7 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 4G 16 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	4G	16 mm ²	1.15 Ω/km	28.4 mm	Reinforced anti-torsion textile support

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NSHTOU-V 0.6/1 kV Vertical reel cable 4G 25 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	4G	25 mm ²	0.727 Ω/km	30.4 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 4G 35 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	4G	35 mm ²	0.524 Ω/km	32.2 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 4G 50 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	4G	50 mm ²	0.387 Ω/km	34.5 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 4G 70 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	4G	70 mm ²	0.268 Ω/km	37.1 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 5G 2.5 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	5G	2.5 mm ²	7.6 Ω/km	24.1 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 5G 4 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	5G	4 mm ²	4.7 Ω/km	24.9 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 5G 6 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	5G	6 mm ²	3.1 Ω/km	25.8 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 5G 10 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	5G	10 mm ²	1.83 Ω/km	27.2 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 5G 16 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	5G	16 mm ²	1.15 Ω/km	28.9 mm	Reinforced anti-torsion textile support
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NSHTOU-V 0.6/1 kV Vertical reel cable 5G 50 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	5G	50 mm ²	0.387 Ω/km	35.1 mm	Reinforced anti-torsion textile support

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NSHTOU-V 0.6/1 kV Vertical reel cable 7G 2.5 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	7G	2.5 mm ²	7.6 Ω/km	25.0 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 7G 4 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	7G	4 mm ²	4.7 Ω/km	25.8 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 7G 6 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	7G	6 mm ²	3.1 Ω/km	26.7 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 7G 10 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	7G	10 mm ²	1.83 Ω/km	28.1 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 7G 16 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	7G	16 mm ²	1.15 Ω/km	29.8 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 7G 25 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	7G	25 mm ²	0.727 Ω/km	31.8 mm	Reinforced anti-torsion textile support
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NSHTOU-V 0.6/1 kV Vertical reel cable 7G 50 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	7G	50 mm ²	0.387 Ω/km	36.0 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 7G 70 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	7G	70 mm ²	0.268 Ω/km	38.6 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 12G 2.5 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	12G	2.5 mm ²	7.6 Ω/km	26.8 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 12G 4 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	12G	4 mm ²	4.7 Ω/km	27.6 mm	Reinforced anti-torsion textile support

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NSHTOU-V 0.6/1 kV Vertical reel cable 12G 10 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	12G	10 mm ²	1.83 Ω/km	29.9 mm	Reinforced anti-torsion textile support
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NSHTOU-V 0.6/1 kV Vertical reel cable 12G 50 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	12G	50 mm ²	0.387 Ω/km	37.8 mm	Reinforced anti-torsion textile support
NSHTOU-V 0.6/1 kV Vertical reel cable 12G 70 mm ²	Vertical reeling with suspended cable length	Vertical reel cable	12G	70 mm ²	0.268 Ω/km	40.4 mm	Reinforced anti-torsion textile support