



## EUROPEAN FLEXIBLE MINING CABLE

DIN VDE mining cable references

6 orderable sizes

STANDARD DIN VDE mining cable references	VOLTAGE CLASS 0.6/1 kV and customer-specified mining ratings	CONDUCTOR Flexible copper conductor
INSULATION / JACKET Heavy-duty rubber sheath		

### Construction

- 1 ■ Conductor (per core) – Flexible tinned copper conductor · 276 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ Core insulation – Rubber compound
- 3 ■ Filler – PP filler
- 4 ■ Shield – Braid shield (C)
- 5 ■ Sheath – Heavy-duty rubber sheath

### Size selection — all available cross-sections

Cable reference	Voltage class	Equipment duty	Core / pilot design	Conductor size	Max DC resistance at 20 °C	OD guide
NSHOU 0.6/1 kV Portable equipment 3 power cores + earth + pilot 4 mm <sup>2</sup>	0.6/1 kV	Portable equipment	3 power cores + earth + pilot	4 mm <sup>2</sup>	4.95 Ω/km	26 mm
NSHOU 0.6/1 kV Portable equipment 3 power cores + earth + pilot 6 mm <sup>2</sup>	0.6/1 kV	Portable equipment	3 power cores + earth + pilot	6 mm <sup>2</sup>	3.30 Ω/km	27 mm
NSHOU 0.6/1 kV Portable equipment 3 power cores + earth + pilot 10 mm <sup>2</sup>	0.6/1 kV	Portable equipment	3 power cores + earth + pilot	10 mm <sup>2</sup>	1.91 Ω/km	29 mm
NSHOU 0.6/1 kV Portable equipment 3 power cores + earth + pilot 16 mm <sup>2</sup>	0.6/1 kV	Portable equipment	3 power cores + earth + pilot	16 mm <sup>2</sup>	1.21 Ω/km	31 mm
NSHOU 0.6/1 kV Portable equipment 3 power cores + earth + pilot 25 mm <sup>2</sup>	0.6/1 kV	Portable equipment	3 power cores + earth + pilot	25 mm <sup>2</sup>	0.780 Ω/km	33 mm
NSHOU 0.6/1 kV Portable equipment 3 power cores +	0.6/1 kV	Portable equipment	3 power cores + earth +	35 mm <sup>2</sup>	0.554 Ω/km	35 mm

Cable reference	Voltage class	Equipment duty	Core / pilot design	Conductor size	Max DC resistance at 20 °C	OD guide
earth + pilot 35 mm <sup>2</sup>			pilot			
Cable reference	Voltage class	Equipment duty	Core / pilot design	Conductor size	Max DC resistance at 20 °C	OD guide
NSHOU 1.8/3 kV Tunnel equipment 3 power cores + earth + pilot 10 mm <sup>2</sup>	1.8/3 kV	Tunnel equipment	3 power cores + earth + pilot	10 mm <sup>2</sup>	1.91 Ω/km	25 mm
NSHOU 1.8/3 kV Tunnel equipment 3 power cores + earth + pilot 16 mm <sup>2</sup>	1.8/3 kV	Tunnel equipment	3 power cores + earth + pilot	16 mm <sup>2</sup>	1.21 Ω/km	27 mm
NSHOU 1.8/3 kV Tunnel equipment 3 power cores + earth + pilot 25 mm <sup>2</sup>	1.8/3 kV	Tunnel equipment	3 power cores + earth + pilot	25 mm <sup>2</sup>	0.780 Ω/km	29 mm
NSHOU 1.8/3 kV Tunnel equipment 3 power cores + earth + pilot 35 mm <sup>2</sup>	1.8/3 kV	Tunnel equipment	3 power cores + earth + pilot	35 mm <sup>2</sup>	0.554 Ω/km	31 mm
NSHOU 1.8/3 kV Tunnel equipment 3 power cores + earth + pilot 50 mm <sup>2</sup>	1.8/3 kV	Tunnel equipment	3 power cores + earth + pilot	50 mm <sup>2</sup>	0.386 Ω/km	34 mm
NSHOU 1.8/3 kV Tunnel equipment 3 power cores + earth + pilot 70 mm <sup>2</sup>	1.8/3 kV	Tunnel equipment	3 power cores + earth + pilot	70 mm <sup>2</sup>	0.272 Ω/km	37 mm
Cable reference	Voltage class	Equipment duty	Core / pilot design	Conductor size	Max DC resistance at 20 °C	OD guide
NSHOU 3.6/6 kV Mobile feeder 3 power cores + earth + pilot 25 mm <sup>2</sup>	3.6/6 kV	Mobile feeder	3 power cores + earth + pilot	25 mm <sup>2</sup>	0.780 Ω/km	33 mm
NSHOU 3.6/6 kV Mobile feeder 3 power cores + earth + pilot 35 mm <sup>2</sup>	3.6/6 kV	Mobile feeder	3 power cores + earth + pilot	35 mm <sup>2</sup>	0.554 Ω/km	35 mm
NSHOU 3.6/6 kV Mobile feeder 3 power cores + earth + pilot 50 mm <sup>2</sup>	3.6/6 kV	Mobile feeder	3 power cores + earth + pilot	50 mm <sup>2</sup>	0.386 Ω/km	38 mm
NSHOU 3.6/6 kV Mobile feeder 3 power cores + earth + pilot 70 mm <sup>2</sup>	3.6/6 kV	Mobile feeder	3 power cores + earth + pilot	70 mm <sup>2</sup>	0.272 Ω/km	41 mm
NSHOU 3.6/6 kV Mobile feeder 3 power cores + earth + pilot 95 mm <sup>2</sup>	3.6/6 kV	Mobile feeder	3 power cores + earth + pilot	95 mm <sup>2</sup>	0.206 Ω/km	44 mm
NSHOU 3.6/6 kV Mobile feeder 3 power cores + earth + pilot 120 mm <sup>2</sup>	3.6/6 kV	Mobile feeder	3 power cores + earth + pilot	120 mm <sup>2</sup>	0.161 Ω/km	47 mm