

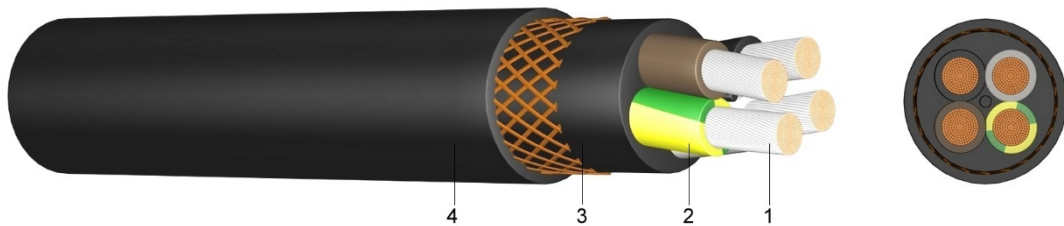
NSHTOEU

Reeling cable, 0,6/1 kV
+90 °C service temperature, rubber-sheathed, abrasion and tear resistant, oil and UV resistant
DIN VDE 0250-814

Application

Rubber-sheathed flexible power and control cable for basic reeling application under medium mechanical stresses. For use in hoists, transporting machines and conveyors, in power chains, as drum and drag cables and as hawsers.

Construction



1. Conductor: Copper conductor, bare or tinned, flexible (class 5)
2. Insulation: Rubber compound
Core identification: According to HD 308 S2
3. Inner sheath: Rubber compound
4. Torsion protection: Polyester braid
5. Outer sheath: Rubber compound, black

Technical information

Rated voltage	U ₀ /U	0,6/1 kV
Max. permissible temperature at conductor		90 °C
Operating temperature	fixed installation	-40 °C to +80 °C
	flexible operation	-25 °C to +80 °C
Min. bending radius mm		DIN VDE 0298-3
		8 mm 8 – 12 mm 12 – 20 mm >20 mm
	free movement	3 x D 4 x D 5 x D 5 x D
	reeling operation	5 x D 5 x D 5 x D 6 x D
	festoon	3 x D 4 x D 5 x D 5 x D
	drag chain	4 x D 4 x D 5 x D 5 x D
	multi roller	7,5 x D 7,5 x D 7,5 x D 7,5 x D
		D = outer diameter in mm
Max. tensile load		15 N / mm ²
Max. permitted speed		120 m/min
Safety parameters		
Flame spread	single cable	IEC 60332-1-2
Additional parameters		
UV and oil resistant		

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N° of cores and cross section mm ²	Outer diameter approx. mm	Cu index approx. kg/km	Weight approx. kg/km
3 G 1,5	13,6	47	213
4 G 1,5	14,4	58	275
5 G 1,5	15,4	72	317
7 G 1,5	18,8	101	414
12 G 1,5	22,9	173	650
18 G 1,5	25,2	260	743
24 G 1,5	29,4	346	1024
30 G 1,5	32,9	432	1327
42 G 1,5	35,3	646	1560
3 G 2,5	14,8	72	300
4 G 2,5	17,2	96	415
5 G 2,5	18,2	120	464
7 G 2,5	20,8	168	575
12 G 2,5	28,2	288	904
18 G 2,5	29,2	732	1230
24 G 2,5	34,3	576	1583
30 G 2,5	38,5	720	1841
4 G 4	18,8	154	560
4 G 6	20,2	231	684
4 G 10	24,4	384	1017
4 G 16	27,9	615	1370
4 G 25	34,9	960	1985
4 G 35	37,5	1344	2605
4 G 50	44,2	1920	3593
4 G 70	48,6	2688	4950
4 G 95	55,4	3648	6490
4 G 120	62,0	4608	8600
4 G 150	67,6	5760	9090
4 G 185	73,2	7104	9730
5 G 4	20,1	192	630
5 G 6	22,7	288	790
5 G 10	26,3	480	1200
5 G 16	30,1	768	1700
5 G 25	38,0	1200	2450
5 G 35	43,5	1680	3235
5 G 70	50,9	3360	5480
5 G 95	58,4	4560	7140

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.