



Reeling cables - NSHTÖU 0,6/1 kV



Technical attributes

Standards	DIN VDE 0250-814
Conductor material	Cu, tinned
Conductor type	flexible
Conductor standard	DIN VDE 0295
Conductor category	5
Core insulation	rubber-compound
Core colours	DIN VDE 0293 ≤ 5 cores: colour-coded, GN/YE-protection conductor; ≥ 6 cores: black, number-coded, GN/YE-protection conductor
Core structure	stranded
Inner sheath	special rubber-compound
Outer sheath	special rubber-compound
Outer sheath colour	black
Temperature range min., mobile operation	-25 °C
Temperature range max., mobile operation	+90 °C
Temperature range min., fixed installation	-40 °C
Temperature range max., fixed installation	+90 °C
Temperature at conductor max.	+90 °C
Short circuit temperature at conductor max.	+200 °C
Nominal voltage U ₀ /U	0,6/1 kV
Operating voltage	in three-and single-phase 0,69 / 1,2 kV dc systems 0,9 / 1,8 V
Test voltage	2,5 kV
Bending radius	DIN VDE 0298-3
Insulation resistance	10 MΩ x km
RoHS-compliant	yes

Description

Applicable as reeling cables for heavy equipment such as cable reels, hoists, lifts, portable engines, traction motors and agricultural appliances, with high mechanical stresses, if e.g. frequently un- and up-winding is required, particularly with simultaneously tensile and/or torsional stress and forced cable guidance. Suitable in dry, wet rooms and outdoors.

Product table

product number	product name	Weight ca. [kg]	Cu-weight [per_km]	Outer-Ø ca. [mm]	Outer sheath colour
00701001	NSHTÖU-J 0,6/1 kV 4 x 1,5 bk	274,00	62,00	13,80	black
00701002	NSHTÖU-J 0,6/1 kV 5 x 1,5 bk	316,00	81,00	14,80	black
00701003	NSHTÖU-J 0,6/1 kV 7 x 1,5 bk	390,00	115,00	17,20	black
00701004	NSHTÖU-J 0,6/1 kV 12 x 1,5 bk	606,00	196,00	20,90	black



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00701005	NSHTÖU-J 0,6/1 kV 18 x 1,5 bk	743,00	271,00	24,70	black
00701006	NSHTÖU-J 0,6/1 kV 24 x 1,5 bk	1115,00	392,00	26,50	black
00701039	NSHTÖU 0,6/1 kV 25 x 1,5 + 5 x 1,5 (C) bk	2150,00	543,00	39,70	black
00701007	NSHTÖU-J 0,6/1 kV 30 x 1,5 bk	1280,00	432,00	29,60	black
00701008	NSHTÖU-J 0,6/1 kV 42 x 1,5 bk	1550,00	633,00	33,90	black
00701009	NSHTÖU-J 0,6/1 kV 4 x 2,5 bk	416,00	99,00	16,70	black
00701010	NSHTÖU-J 0,6/1 kV 5 x 2,5 bk	465,00	124,00	18,00	black
00701011	NSHTÖU-J 0,6/1 kV 7 x 2,5 bk	576,00	180,00	19,10	black
00701012	NSHTÖU-J 0,6/1 kV 12 x 2,5 bk	905,00	308,00	24,80	black
00701013	NSHTÖU-J 0,6/1 kV 18 x 2,5 bk	1181,00	451,00	28,20	black
00701038	NSHTÖU 0,6/1 kV 19 x 2,5 + 5 x 1,5 (C) bk	1900,00	661,00	37,00	black
00701022	NSHTÖU-J 0,6/1 kV 19 x 2,5 bk	1250,00	485,00	28,50	black
00701021	NSHTÖU 0,6/1 kV 25 x 2,5 + 5 x 1,5 (C) bk	1690,00	813,00	34,00	black
00701014	NSHTÖU-J 0,6/1 kV 24 x 2,5 bk	1585,00	576,00	33,40	black
00701015	NSHTÖU-J 0,6/1 kV 30 x 2,5 bk	1840,00	771,00	35,00	black
00701016	NSHTÖU-J 0,6/1 kV 50 x 2,5 bk	2950,00	1200,00	45,40	black
00701017	NSHTÖU-J 0,6/1 kV 4 x 4 bk	550,00	160,00	17,50	black
00701018	NSHTÖU-J 0,6/1 kV 5 x 4 bk	641,00	200,00	20,40	black
00701020	NSHTÖU-J 0,6/1 kV 4 x 6 bk	683,00	241,00	18,50	black
00701023	NSHTÖU-J 0,6/1 kV 5 x 6 bk	820,00	317,00	22,70	black
00701024	NSHTÖU-J 0,6/1 kV 4 x 10 bk	1018,00	404,00	24,90	black
00701025	NSHTÖU-J 0,6/1 kV 5 x 10 bk	1200,00	528,00	27,10	black
00701026	NSHTÖU-J 0,6/1 kV 4 x 16 bk	1370,00	645,00	28,90	black



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00701027	NSHTÖU-J 0,6/1 kV 5 x 16 bk	1630,00	844,00	31,40	black
00701029	NSHTÖU-J 0,6/1 kV 4 x 25 bk	1970,00	1005,00	35,70	black
00701030	NSHTÖU-J 0,6/1 kV 4 x 35 bk	2480,00	1417,00	36,00	black
00701031	NSHTÖU-J 0,6/1 kV 4 x 50 bk	3485,00	2024,00	42,50	black
00701032	NSHTÖU-J 0,6/1 kV 4 x 70 bk	4710,00	2688,00	48,20	black
00701033	NSHTÖU-J 0,6/1 kV 4 x 95 bk	6100,00	3845,00	55,20	black
00701035	NSHTÖU-J 0,6/1 kV 4 x 120 bk	7400,00	4857,00	59,80	black
00701034	NSHTÖU-J 0,6/1 kV 4 x 150 bk	8820,00	5760,00	64,50	black
00717019	NSHTÖU-J 0,6/1 kV 3 x 240 bk	10815,00	6912,00	78,80	black