

## NSHTÖU 0,6/1kV Cable - 1.5mm<sup>2</sup> to 240mm<sup>2</sup>



### Description

NSHTÖU is a class 5 flexible cable typically used in cable winding reels for harbour cranes, container cranes, conveyors, handling machines and mining and tunnelling equipment. It is designed with a polyester braid anti twist layer to prevent the cable from twisting under severe mechanical stresses (tensile strength and torsion). The cable is suitable for heavy duty conditions, abrasion and crushing and is Oil, Ozone and UV resistant.

### Key Features



**Voltage Rating**  
600/1000 Volts



**Minimum Bending Radius**  
Fixed: 4 x overall diameter  
Flexing: 5 x overall diameter



**Flame Retardancy**  
BS EN 60332-1-2



**Temperature Limits**  
Fixed: -40°C to +60°  
Flexing: -25°C to +60°C

### Standards

- IEC 60228, IEC/EN 60332-1-2, BS EN 60811-2-1
- VDE 0207 PT20 & PT21
- VDE 0298 Part 3 & Part 4
- Ozone resistant: BS EN/IEC 60811-403
- BS EN/IEC 60811-404
- UV Resistant: ISO 4892-2
- VDE 0250 PT814
- VDE 0295

### Construction

- **Conductor:** Class 5 Flexible Tinned Copper
- **Insulation:** Rubber Compound
- **Bedding:** Rubber based bedding compound
- **Inner Sheath:** Special Rubber Compound
- **Antitwisting Element:** Polyester Braid Between Inner & Outer Sheath
- **Outer Sheath:** Heavy Duty Rubber Compound

### QA Lab

#### Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



### CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



### Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



### ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

## NSHTÖU 0,6/1kV Cable - 1.5mm<sup>2</sup> to 240mm<sup>2</sup> - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	Max Overall Dia	Minimum Bending Radius	Weight(Kg/Km)
0.6/1KVNSHTÖU3X1/5	1.5	3	14.8	74	270
0.6/1KVNSHTÖU4X1/5	1.5	4	15.6	78	300
0.6/1KVNSHTÖU5X1/5	1.5	5	16.5	83	350
0.6/1KVNSHTÖU7X1/5	1.5	7	19.0	95	440
0.6/1KVNSHTÖU12X1/5	1.5	12	21.9	110	580
0.6/1KVNSHTÖU18X1/5	1.5	18	25.0	125	790
0.6/1KVNSHTÖU24X1/5	1.5	24	28.6	143	1040
0.6/1KVNSHTÖU30X1/5	1.5	30	29.6	148	1140
0.6/1KVNSHTÖU36X1/5	1.5	36	32.0	160	1360
0.6/1KVNSHTÖU42X1/5	1.5	42	34.1	171	1570
0.6/1KVNSHTÖU44X1/5	1.5	44	37.0	185	1790
0.6/1KVNSHTÖU50X1/5	1.5	50	38.7	194	1990
0.6/1KVNSHTÖU3X2/5	2.5	3	16.3	82	330
0.6/1KVNSHTÖU4X2/5	2.5	4	17.7	88.5	400
0.6/1KVNSHTÖU4X2/5	2.5	5	18.8	94	460
0.6/1KVNSHTÖU7X2/5	2.5	7	22.1	111	590
0.6/1KVNSHTÖU12X2/5	2.5	12	25.1	126	790
0.6/1KVNSHTÖU18X2/5	2.5	18	28.7	144	1110
0.6/1KVNSHTÖU7X2/5	2.5	24	33.2	166	1480
0.6/1KVNSHTÖU30X2/5	2.5	30	34.4	172	1620
0.6/1KVNSHTÖU36X2/5	2.5	36	38.1	191	2030
0.6/1KVNSHTÖU42X2/5	2.5	42	40.7	204	2330
0.6/1KVNSHTÖU44X2/5	2.5	44	44.7	224	2650
0.6/1KVNSHTÖU50X2/5	2.5	50	45.6	228	2990
0.6/1KVNSHTÖU3X4	4	3	18.0	90	420
0.6/1KVNSHTÖU4X4	4	4	19.2	96	500
0.6/1KVNSHTÖU5X4	4	5	20.4	102	580
0.6/1KVNSHTÖU7X4	4	7	24.5	123	760
0.6/1KVNSHTÖU12X4	4	12	32.3	117	1400
0.6/1KVNSHTÖU18X4	4	18	33.9	170	1580
0.6/1KVNSHTÖU3X6	6	3	19.3	97	520
0.6/1KVNSHTÖU4X9	6	4	20.6	103	620
0.6/1KVNSHTÖU5X6	6	5	23.2	116	750
0.6/1KVNSHTÖU3X10	10	3	23.3	117	750
0.6/1KVNSHTÖU4X10	10	4	24.9	125	890
0.6/1KVNSHTÖU5X10	10	5	26.7	133.5	1060
0.6/1KVNSHTÖU3X16	16	3	25.4	127	970
0.6/1KVNSHTÖU4X16	16	4	27.0	135	1170

Reference	Conductor Size (mm2)	No Of Cores	Max Overall Dia	Minimum Bending Radius	Weight(Kg/Km)
0.6/1KVNSHTÖU5X16	16	5	29.0	145	1410
0.6/1KVNSHTÖU3X25	25	3	30.2	151	1450
0.6/1KVNSHTÖU4X25	25	4	34.2	171	1900
0.6/1KVNSHTÖU5X25	25	5	37.0	185	2290
0.6/1KVNSHTÖU3X35	35	3	33.6	168	1890
0.6/1KVNSHTÖU4X35	35	4	36.4	182	2340
0.6/1KVNSHTÖU5X35	35	5	40.8	204	2940
0.6/1KVNSHTÖU3X50	50	3	38.8	194	3340
0.6/1KVNSHTÖU4X50	50	4	42.9	215	3250
0.6/1KVNSHTÖU5X50	50	5	46.5	233	3940
0.6/1KVNSHTÖU3X70	70	3	43.3	217	3340
0.6/1KVNSHTÖU4X70	70	4	47.1	236	4180
0.6/1KVNSHTÖU5X70	70	5	53.0	265	5300
0.6/1KVNSHTÖU3X95	95	3	49.2	246	4380
0.6/1KVNSHTÖU4X95	95	4	53.6	268	5500
0.6/1KVNSHTÖU3X120	120	3	52.9	265	5330
0.6/1KVNSHTÖU4X120	120	4	59.5	298	6950
0.6/1KVNSHTÖU3X150	150	3	58.4	292	6700
0.6/1KVNSHTÖU4X150	150	4	66.5	332.5	8570
0.6/1KVNSHTÖU3X185	185	3	66.5	333	8100
0.6/1KVNSHTÖU4X185	185	4	71.4	357	10160
0.6/1KVNSHTÖU3X240	240	3	70.2	351	10850

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