



APPLICATION

For use in hoists, transporting machines and conveyors, in power chains, as drum and drag cables and as hawsers. Wherever cables are reeled, unreeled, guided by roller trains or similar. Oil and UV resistant to BS EN/IEC 60811-2-1.

CHARACTERISTICS

Voltage Rating (Uo/U)

0.6/1kV

Temperature Rating

Fixed: -40°C to +60°C

Flexed: -25°C to +60°C

Minimum Bending Radius

Fixed: 4 x overall diameter

Flexed: 5 x overall diameter

CONSTRUCTION

Conductor

Flexible Class 5 tinned copper conductor

Insulation

Rubber compound Type 3GI3

Filler

EPR (Ethylene Propylene Rubber) Type 3GI3, on a textile polyester support

Bedding

Rubber compound Type GM1b

Braiding

Polyester braid

Sheath

Rubber compound Type 5GM3

Core Identification

NSHTÖU-J

4 core: Green/Yellow Black Grey Brown

5 core: Green/Yellow Black Blue Brown Grey

Other sizes available

NSHTÖU-O

4 core: Grey Brown Black Blue

5 core: Grey Brown Black Blue Black

Sheath Colour

Black

STANDARDS

VDE 0250

Flame retardant according to IEC/EN 60332-1-2

DIMENSIONS

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
4	1.5	14.6	295
4	2.5	16.2	370
4	4	29.3	520
4	6	21.7	690
4	10	25.9	1025
4	16	29.1	1305
4	25	34.4	2070
4	35	38.6	2740
4	50	45	3790
4	70	51	5356
4	95	60.6	7018
4	120	63.5	8220
4	150	66.5	8905
5	4	20.5	640
5	6	23.2	855
5	10	27.8	1200
5	1.5	15.6	340
5	2.5	18.6	490
5	16	31.7	1745
7	1.5	17.6	420
7	2.5	20.8	615
12	1.5	21.3	630
12	2.5	24.9	895
18	1.5	24.8	895
18	2.5	28.2	1195
24	1.5	28	1100
24	2.5	33	1565
30	1.5	30.3	1345
30	2.5	34.6	183
42	1.5	35.2	1773
45	2.5	43.8	2863