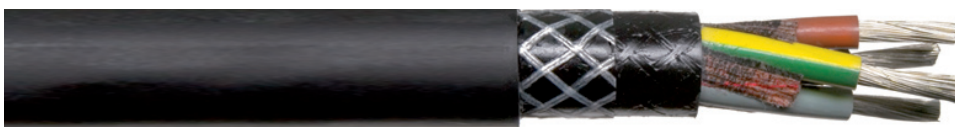


NSHTOU Cable

Eland Product Group **A5N****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.

**Standards**

VDE0250, VDE0293

Conductor

Flexible Class 5 tinned copper conductors to IEC 60228

Insulation

EPR (Ethylene Propylene Rubber)

Filler

Unspecified material

Bedding

Unspecified material

Braiding

Vulcanised fabric

Sheath

PCP (Polychloroprene)

Sheath Colour

Black

Voltage Rating

600/1000V

Temperature Rating

-40°C to +70°C

Minimum Bending Radius

6 x cable diameter

Conductor Identification

NSHTOU-J

4 Cores: Green/Yellow, Black, Blue, Brown

5 Cores: Green/Yellow, Black, Black, Blue, Brown

Other sizes available

NSHTOU-O

(without Green/Yellow cores is also available)

**Dimensions**

Eland Part Number	No. of Cores x Nominal Cross Sectional Area # x mm ²	Nominal Overall Diameter mm	Nominal Weight kg/Km
A5N0415	4 x 1.5	14.6	295
A5N0515	5 x 1.5	15.6	340
A5N0715	7 x 1.5	17.6	420
A5N1215	12 x 1.5	21.3	630
A5N1815	18 x 1.5	24.8	895
A5N2415	24 x 1.5	28.0	1100
A5N3015	30 x 1.5	30.3	1345
A5N4215	42 x 1.5	35.2	1773
A5N0425	4 x 2.5	16.2	370
A5N0525	5 x 2.5	18.6	490
A5N0725	7 x 2.5	20.8	615
A5N1225	12 x 2.5	24.9	895
A5N1825	18 x 2.5	28.2	1195
A5N2425	24 x 2.5	33.0	1565
A5N3025	30 x 2.5	34.6	1830
A5N4525	45 x 2.5	43.8	2863
A5N0440	4 x 4.0	29.3	520
A5N0540	5 x 4.0	20.5	640
A5N0460	4 x 6.0	21.7	690
A5N0560	5 x 6.0	23.2	855
A5N0410	4 x 10.0	25.9	1025
A5N0510	5 x 10.0	27.8	1200
A5N0416	4 x 16.0	29.1	1305
A5N0516	5 x 16.0	31.7	1745
A5N0425	4 x 25.0	34.4	2070
A5N0435	4 x 35.0	38.6	2740
A5N0450	4 x 50.0	45.0	3790
A5N0470	4 x 70.0	51.0	5356
A5N0495	4 x 95.0	60.6	7018
A5N4120	4 x 120.0	63.5	8220
A5N4150	4 x 150.0	66.5	8905

Conductors

Class 5 flexible copper conductors for Single Core and Multi-Core cables

1	2	4
Nominal Cross Sectional Area mm ²	Maximum Diameter of Wires in Conductor mm	Maximum Resistance of Conductor at 20°C Metal-Coated Wires ohms/Km
1.50	0.26	13.7000
2.50	0.26	8.2100
4.00	0.31	5.0900
6.00	0.31	3.3900
10.00	0.41	1.9500
16.00	0.41	1.2400
25.00	0.41	0.7950
35.00	0.41	0.5650
50.00	0.41	0.3930
70.00	0.51	0.2770
95.00	0.51	0.2100
120.00	0.51	0.1640
150.00	0.51	0.1320

Table in accordance with BS EN 60228:2005 (previously BS6360)

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