

(N)SGAÖU Cable



Eland Product Group: B6N

APPLICATION

(N)SGAÖU Cable for short circuit and grounding connections. Available in rated voltages from 1kV to 6kV, they are suited to use in rail vehicles, buses, switch cabinets and continuously operating installations. Installation can be in pipes and pipe work ducts as well as in dry interiors, both indoor and outdoors, as well as dry, humid, wet or oily environments.

CHARACTERISTICS

Voltage Rating

0.6/1 kV
1.8/3 kV
3.6/6 kV

Temperature Rating

Fixed: -40°C to +80°C
Mobile: -25°C to +80°C

CONSTRUCTION

Conductor

Class 2 stranded Copper

Separator

Tape
Additional semi-conductive layer over conductor for 3.6/6kV

Insulation

EPDM (Ethylene Propylene Diene Monomer) 3GI3 Type

Sheath

Rubber 5GM3 Type

Sheath Colour

● Black

STANDARDS

DIN VDE 0250-1, DIN VDE 0250-602, DIN VDE 0295, DIN VDE 0298-3/4, IEC/EN 60228, BS 6360, DIN VDE 0472-501/502/503, DIN VDE 0472-303/401/402/602/ 615, HD 383,

UV/Ozone resistant to IEC/EN 60811-2-1
Flame Retardant to IEC/EN 60332-1-2

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].





DIMENSIONS NSGAÖU 0.6/1KV

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OUTER DIAMETER mm	NOMINAL CABLE WEIGHT kg/km
B6N01KV010015	1	1.5	5.5	48
B6N01KV010025	1	2.5	6	62
B6N01KV010040	1	4	7	89
B6N01KV010060	1	6	7.5	113
B6N01KV01010	1	10	8.5	161
B6N01KV01016	1	16	10.5	251
B6N01KV01025	1	25	13	385
B6N01KV01035	1	35	14.5	509
B6N01KV01050	1	50	16.5	693
B6N01KV01070	1	70	18	896
B6N01KV01095	1	95	20.5	1205
B6N01KV01120	1	120	22.5	1491
B6N01KV01150	1	150	25	1852
B6N01KV01185	1	185	27	2219
B6N01KV01240	1	240	30	2825
B6N01KV01300	1	300	33	3502

DIMENSIONS NSGAÖU 1.8/3KV

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OUTER DIAMETER mm	NOMINAL CABLE WEIGHT kg/km
B6N03KV010015	1	1.5	6.5	62
B6N03KV010025	1	2.5	7	78
B6N03KV010040	1	4	7.5	97
B6N03KV010060	1	6	8	122
B6N03KV01010	1	10	9	171
B6N03KV01016	1	16	11.5	277
B6N03KV01025	1	25	14	417
B6N03KV01035	1	35	15.5	544
B6N03KV01050	1	50	17.5	733
B6N03KV01070	1	70	19.5	962
B6N03KV01095	1	95	22.5	1307
B6N03KV01120	1	120	25	1631
B6N03KV01150	1	150	27.5	2007
B6N03KV01185	1	185	30.5	2456
B6N03KV01240	1	240	33.5	3087
B6N03KV01300	1	300	37.5	3875

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.

DIMENSIONS NSGAÖU 3.6/6KV

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OUTER DIAMETER mm	NOMINAL CABLE WEIGHT kg/km
B6N06KV010015	1	1.5	9	108
B6N06KV010025	1	2.5	10	138
B6N06KV010040	1	4	10.5	161
B6N06KV010060	1	6	11	189
B6N06KV01010	1	10	12	245
B6N06KV01016	1	16	14.5	369
B6N06KV01025	1	25	16.5	507
B6N06KV01035	1	35	18	643
B6N06KV01050	1	50	19.5	820
B6N06KV01070	1	70	21.5	1059
B6N06KV01095	1	95	24.5	1417
B6N06KV01120	1	120	26	1691
B6N06KV01150	1	150	27.5	2007
B6N06KV01185	1	185	29.5	2385

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.