

(N)SGAFCMÖU Cable 3.6/6kV



Eland Product Group: B7O

APPLICATION

(N)SGAFCMÖU Cable with EMC screening for short circuit and grounding connections requiring 3.6/6kV. 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
3.6/6 kV

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

CONSTRUCTION

Conductor
Class 5 flexible stranded Copper

Conductor Screen
Semi-conductive layer over conductor

Insulation
EPDM (Ethylene Propylene Diene Monomer) 3GI3 Type

Screen
TCWB (Tinned copper wires braid)

Sheath
Rubber 5GM3 Type

Sheath Colour
● Black

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OUTER DIAMETER mm	NOMINAL CABLE WEIGHT kg/km
B7O06KV01185	1	185	39	3050

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

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.

