



## NYFGY 3.6/6kV Cable



Eland Product Group: B9N

### APPLICATION

This cable is suitable for the power or control supply of fixed installations or apparatus. It can be buried or immersed without additional mechanical protection, subject to regulations.

### CHARACTERISTICS

#### Voltage Rating

3.6/6 (7.2)kV

#### Temperature Rating

Fixed: -5 ; +70 °C

Maximum conductor temperature : 70°C

#### Minimum Bending Radius

15 x Overall diameter

### CONSTRUCTION

#### Conductor

Class 2 stranded copper conductor

#### Insulation

PVC Y14 (Polyvinyl Chloride)

#### Filler

PVC (Polyvinyl Chloride)

#### Tightness Sheath

PVC (Polyvinyl Chloride)

#### Armour

SWA (Galvanized flat steel wires)

#### Sheath

PVC (Polyvinyl Chloride)

#### Sheath Colour

● Red

### STANDARDS

VDE 0271, IEC 60228

Flame Retardant according to IEC 60332-1

### ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab<sup>®</sup>, 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.



8578



FS 672069



EMS 672067

OHS 672066

### 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<sup>®</sup> as meeting the requirements of the BSI RoHS Trusted Kitemark<sup>™</sup>.



KN 634287



## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
B9N03035RD	3	35	37	2450
B9N03050RD	3	50	39	3100
B9N03070RD	3	70	43	3700
B9N03095RD	3	95	44	4600
B9N03120RD	3	120	47	5450
B9N03150RD	3	150	59	7300
B9N03185RD	3	185	61	7550
B9N03240RD	3	240	64	9641

## ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	PERMISSIBLE CURRENT RATING A		MAXIMUM PULLING TENSION daN
	Buried (20°C)	Free Air (30°C)	
35	157	131	525
50	185	159	750
70	226	202	1050
95	275	244	1425
120	313	282	1800
150	352	316	2250
185	397	362	2775
240	460	427	3600