

(N)YFAZ PVC Twin Wire



Eland Product Group: B9B

APPLICATION

Suitable in dry locations for connections of portable power consumers submitted to weak mechanical strength like light electrical hand-held equipment and in and on lighting units. Also referred to as speaker wire.

CHARACTERISTICS

Voltage Rating Uo/U
300/300V

Test Voltage
2000V

Temperature Rating
Flexing: -5°C to +70°C

Minimum Bending Radius
6x Overall Diameter

CONSTRUCTION

Conductor
Class 5 fine-stranded bare copper

Sheath
PVC (Polyvinyl Chloride)

Sheath Colour
 White

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	CONDUCTOR CONSTRUCTION mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
B9B0200005	2	0.5	16 x 0.20	2.1 x 4.4	16
B9B0200075	2	0.75	24 x 0.20	2.3 x 5.0	22
B9B020010	2	1	30 x 0.20	2.6 x 5.5	28
B9B020015	2	1.5	30 x 0.25	2.8 x 6.0	37
B9B020025	2	2.5	50 x 0.25	3.6 x 7.5	60
B9B020040	2	4	56 x 0.30	4.4 x 9.5	101

STANDARDS

DIN VDE 0250, DIN EN 60228 class 5, 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 Low Voltage Directive 2014/35/EU and 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™.





ELECTRICAL CHARACTERISTICS

Class 5 Flexible Copper Conductors for Single Core and Multi-Core Cables

NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM DIAMETER OF WIRES IN CONDUCTOR mm	CURRENT CARRYING CAPACITY Amps	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km	
			Plain Wires	
0.5	0.21	3	39	
0.75	0.21	6	26	
1	0.21	10	19.5	
1.5	0.26	16	13.3	
2.5	0.26	25	7.98	
4	0.31	32	4.95	

The above table is in accordance with BS EN 60228 (previously BS 6360)