(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

STANDARDS

DIN VDE 0250, DIN EN 60228 class 5, 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 meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed byThe Cable Lab®.

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm²	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

ELECTRICAL CHARACTERISTICS

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

NOMINAL CROSS SECTIONAL AREA mm²	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)