

H05RN-F Flexible Rubber Cable



Eland Product Group: B4G

APPLICATION

For general use in domestic premises, kitchens, offices and industrial equipment where the cables are subjected to low mechanical stress. Suitable for dry, damp and wet installations, including temporary outdoor power. Supply of electricity and communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire.

CHARACTERISTICS

Voltage Rating U/U₀
300/500V

Temperature Rating

Operating: -40°C to +60°C
Minimum installation and use temperature: -25°C
Maximum temperature of short circuit: +200°C

Minimum Bending Radius

Fixed: 4 x overall diameter
Mobile: 6 x overall diameter

CONSTRUCTION

Conductor

Class 5 flexible copper conductor

Insulation

EPR (Ethylene Propylene Rubber) EI4

Sheath

PCP (Polychloroprene) EM2

Core Identification

2 core: ● Blue ● Brown
3 core: ● Green/Yellow ● Blue ● Brown
4 core: ● Green/Yellow ● Brown ● Black ● Grey

Sheath Colour

● Black

STANDARDS

IEC/EN 50525-2-21, CEI 20-107/2-21, CEI 20-19/4
(CENELEC HD 22.4 S4), BS 6500:2000, NF C 32-102-4
VDE 0282-4, EN 50575:2014 + EN 50575/A1:2016

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECCE 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 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 by The Cable Lab[®].





DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM CONDUCTOR DIAMETER mm	NOMINAL THICKNESS OF INSULATION mm	NOMINAL OVERALL DIAMETER mm		NOMINAL WEIGHT kg/km
					Minimum	Maximum	
B4G0200075	2	0.75	0.95	0.6	5.7	7.4	44
B4G020010	2	1	1.30	0.6	6.1	8.0	55
B4G0300075	3	0.75	0.95	0.6	6.2	8.1	60
B4G030010	3	1	1.30	0.6	6.5	8.5	72
B4G0400075	4	0.75	0.95	0.6	6.8	8.8	82
B4G040010	4	1	1.30	0.6	7.1	9.3	87

ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²	ELECTRIC RESISTANCE AT 20°C Ohm/km	CURRENT CARRYING CAPACITIES IN AIR 30°C (A)
0.75	26	6
1	19.5	10