



FLEX-H2 450/750 V

CPR Cca-s3,d1,a3



Braid Shield



STANDARDS

- CEI EN 50525-2-11 (as applicable);
- CEI EN 50363 (as applicable);
- CEI EN/IEC 60228;
- CEI EN/IEC 60332-1-2.

- CEI EN 50575:2014+A1:2016

USE



Residential building



Commercial, industrial, public building

CONSTRUCTION FEATURES



CONDUCTOR

Flexible annealed copper, class 5.
CEI EN/IEC 60228.



INSULATION

PVC type TI2.

CORES COLOUR

Yellow/green-blue-brown-black-grey.



SHIELD

Shield annealed copper braid.



SHEATH

PVC type TM2.

SHEATH COLOUR

Light grey.

TECHNICAL FEATURES

RATED VOLTAGE

U₀/U 450/750 V

TENSILE

5 Kg/mm²

RADIUS

8 ÷ 10 x Ø_e

INSTALLATION MIN. TEMPERATURE

0°C

MIN. USAGE TEMPERATURE

-15°C

TEMPERATURE ON THE CONDUCTOR

70°C

SHORT CIRCUIT TEMPERATURE

150°C

USE AND INSTALLATION METHOD

For mobile connections and where required for fixed installation. Suitable for indoor installation, in dry or humid rooms, and outdoors for intermittent or temporary use; for connections and electrical equipment, electrical panels. It can be used in all industrial environments. Not suitable for underground installation.

MARKING

Progressive metric marking.

NRG CABLES FLEX-H2 450/750 V N. cores x/G section mm² dd.mm.yy Made in Italy Cca-s3,d1,a3.

EUROPEAN DIRECTIVES

RoSH

2011/65/UE (RoHS)
2015/863/UE

REACH

CE n° 1907/2006

LVD

Directive 2014/35/UE

CPR

305/2011 EU



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N. x mm ²		Outer diameter	Approx. Cable weight	Max. Eletrical resistance (20°C)
		mm	g/m	ohm/km
2 x	1	6,41	58	19,5
2 x	1,5	7,11	73	13,3
2 x	2,5	8,21	96	7,98
2 x	4	10,01	172	4,95
2 x	6	11,11	221	3,30
3 G	1	6,93	76	19,5
3 G	1,5	7,47	91	13,3
3 G	2,5	8,86	133	7,98
3 G	4	10,67	193	4,95
3 G	6	11,86	254	3,30
4 G	1	7,46	91	19,5
4 G	1,5	8,27	114	13,3
4 G	2,5	9,60	162	7,98
4 G	4	11,81	242	4,95
4 G	6	13,55	341	3,30
5 G	1	8,03	108	19,5
5 G	1,5	8,91	139	13,3
5 G	2,5	10,47	202	7,98
5 G	4	13,03	381	4,95
5 G	6	14,52	503	3,30

If explicitly requested, and for agreed quantities, a version of the cables without the protective conductor (green/yellow) can be supplied.