

EHE & EHEA

Screened and jacketed hook-up wires and multicore cables for low frequency

Applications

These flexible cables are mainly designed for use in applications requiring high efficiency screening at low frequencies. The screen is made up of a continuous high conductive thermoplastic sheath and provides a shielding efficiency inversely proportional to the frequency.

So a very high efficiency is obtained at industrial frequencies. For a reduced overall diameter, use EHEA range. Easy stripping, as well as grounding, because of the drain wire placed under the thermoplastic sheath.

250 Volts and 750 Volts according to the products

Construction

1 - CONDUCTOR

Stranded tinned copper wires

2 - INSULATION

Polyethylene (Pe)

3- DRAIN WIRE

4- SCREEN

High conductive sheath

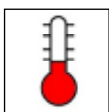
5- OUTER JACKET

Flexible polyvinyl chloride (PVC)



Standards

NEXANS specification



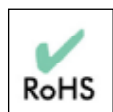
- 20°C to +80°C



Flame retardant
(NF C 32-070/C2)



Flexible



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Nb. of cores.	Nexans Reference	Base Core				Overall Ø mm		Average weight Kg / Km	Operating voltage	Colour coding of cores
		Conductor			Nominal Ø core mm	Mini.	Maxi.			
		Gauge AWG	Cross section mm ²	Construction n x Ø mm						
1	EHEA 1 PR	24	0.22	7 x 0.20	1.1	2.4	2.8	8	250 V	Natural
	EHEA 1 P	22	0.34	7 x 0.25	2.0	3.4	3.8	14	750 V	Natural
2	EHE 2 PR	24	0.22	7 x 0.20	1.2	3.8	4.2	12	250 V	Natural, Blue
	EHEA 2 PR	24	0.22	7 x 0.20	1.1	3.5	3.9	14	250 V	Natural, Blue
	EHE 2 P	22	0.38	12 x 0.20	2.0	5.5	6.1	22	750 V	Natural, Blue
	EHEA 2 P	22	0.34	7 x 0.25	2.0	5.5	6.1	22	750 V	Natural, Blue
3	EHE 3 PR	24	0.22	7 x 0.20	1.2	4.0	4.4	14	250 V	Natural, Blue, Red
	EHEA 3 PR	24	0.22	7 x 0.20	1.1	3.8	4.2	13	250 V	Natural, Blue, Red
	EHE 3 P	22	0.38	12 x 0.20	2.0	6.4	7.0	31	750 V	Natural, Blue, Red
4	EHE 4 PR	24	0.22	7 x 0.20	1.2	4.6	5.0	16	250 V	Natural, Blue, Red, Yellow
	EHEA 4 PR	24	0.22	7 x 0.20	1.1	4.2	4.6	14	250 V	Natural, Blue, Red, Yellow
5	EHEA 5 PR	24	0.22	7 x 0.20	1.1	4.6	5.0	15	250 V	Natural, Blue, Red, Yellow, Green
6	EHEA 6 PR	24	0.22	7x 0.20	1.1	4.9	5.3	16	250 V	Natural, Blue, Red, Yellow, Green, Black