

## 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

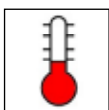
##### 5- OUTER JACKET

Flexible polyvinyl chloride (PVC)



#### Standards

NEXANS specification



- 20°C to +80°C



Flame retardant  
(NF C 32-070/C2)



Flexible



RoHS

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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 <sup>2</sup>	Construction n x Ø mm						
1	<b>EHEA 1 PR</b>	24	0.22	7 x 0.20	1.1	2.4	2.8	8	250 V	Natural
	<b>EHEA 1 P</b>	22	0.34	7 x 0.25	2.0	3.4	3.8	14	750 V	Natural
2	<b>EHE 2 PR</b>	24	0.22	7 x 0.20	1.2	3.8	4.2	12	250 V	Natural, Blue
	<b>EHEA 2 PR</b>	24	0.22	7 x 0.20	1.1	3.5	3.9	14	250 V	Natural, Blue
	<b>EHE 2 P</b>	22	0.38	12 x 0.20	2.0	5.5	6.1	22	750 V	Natural, Blue
	<b>EHEA 2 P</b>	22	0.34	7 x 0.25	2.0	5.5	6.1	22	750 V	Natural, Blue
3	<b>EHE 3 PR</b>	24	0.22	7 x 0.20	1.2	4.0	4.4	14	250 V	Natural, Blue, Red
	<b>EHEA 3 PR</b>	24	0.22	7 x 0.20	1.1	3.8	4.2	13	250 V	Natural, Blue, Red
	<b>EHE 3 P</b>	22	0.38	12 x 0.20	2.0	6.4	7.0	31	750 V	Natural, Blue, Red
4	<b>EHE 4 PR</b>	24	0.22	7 x 0.20	1.2	4.6	5.0	16	250 V	Natural, Blue, Red, Yellow
	<b>EHEA 4 PR</b>	24	0.22	7 x 0.20	1.1	4.2	4.6	14	250 V	Natural, Blue, Red, Yellow
5	<b>EHEA 5 PR</b>	24	0.22	7 x 0.20	1.1	4.6	5.0	15	250 V	Natural, Blue, Red, Yellow, Green
6	<b>EHEA 6 PR</b>	24	0.22	7x 0.20	1.1	4.9	5.3	16	250 V	Natural, Blue, Red, Yellow, Green, Black

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