

450/750V halogen free, flame retardant cables

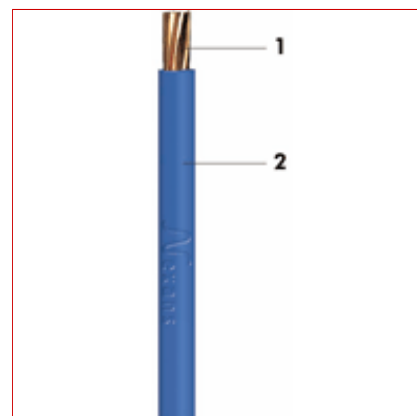
Description

Application

Used in energy networks in refineries, mines, hotels, schools, tunnels, high constructions, hospitals, power plants, data processing centers, business centers where there is a risk of fire.

Design

1. Conductor : copper
2. Insulation : EVA/PE based XLPE



Standards

National BS 7211

Related Information

Marking

NEXANS BS 7211 Z H07Z-R 1x25 BASEC

Contact

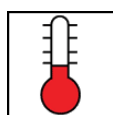
Cables for General Construction Market
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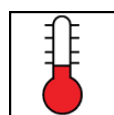
Halogen free
Yes



Flame retardant
IEC 60332-1&3, BS 4066
Part 1&3



Operating temperature,
range
-20 .. 60 °C



Maximum operating
temperature
90 °C



Smoke density
IEC 61034, BS
7622



Gases toxicity
Low toxicity to IEC
60754

Characteristics

Construction characteristics

Conductor material	Copper
Conductor shape	Circular stranded (RM)
Insulation	XLPE
Halogen free	Yes

Dimensional characteristics

Number of cores	1
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Electrical characteristics

Rated Voltage U ₀ /U	450 / 750 V
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Usage characteristics

Packaging	Reel
Flame retardant	IEC 60332-1&3, BS 4066 Part 1&3
Operating temperature, range	-20 .. 60 °C
Maximum operating temperature	90 °C
Short-circuit maximum core temperature	250 °C
Smoke density	IEC 61034, BS 7622
Gases toxicity	Low toxicity to IEC 60754
Gases corrosivity	Low IEC 60754-2

Product List

Nexans ref.	Name	Conductor cross-section (mm ²)
	H07Z-R 1 x 10 mm ²	10
	H07Z-R 1 x 120 mm ²	120
	H07Z-R 1 x 150 mm ²	150
	H07Z-R 1 x 16 mm ²	16
	H07Z-R 1 x 185 mm ²	185
	H07Z-R 1 x 240 mm ²	240
	H07Z-R 1 x 25 mm ²	25
	H07Z-R 1 x 300 mm ²	300
	H07Z-R 1 x 35 mm ²	35
	H07Z-R 1 x 400 mm ²	400
	H07Z-R 1 x 50 mm ²	50
	H07Z-R 1 x 70 mm ²	70
	H07Z-R 1 x 95 mm ²	95