



CONTACT

Market information
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Wiring Cables

STANDARDS

Product IEC 60228

Installation IEC 60092-350; IEC 60092-353; IEC 60092-360

Test a; IEC 60332-3-22; IEC 60754-1; IEC 61034

APPLICATION

MX 0.6/1 kV power wires are used for wiring switchboards, cabinets, control panels and various electrical enclosures. The highly flexible wires are designed with finely stranded conductors for easy connection. The halogen-free fire retardant insulation provides optimum safety for people and maximal asset protection against all risks of fire.

Design

1. **Conductor**
Flexible bare copper
Class 5
2. **Insulation**
Halogen-free cross-linked material type HF 90
Colours: black, green/yellow, red, blue or white

Marking

I NEXANS I MX 0.6/1kV "Section" mm² 90° C IEC 60332-3-22 "ww/yy"
+ metric marking



Conductor flexibility
Flexible class 5



Halogen free
IEC 60754-1



Rated Voltage U₀/U
(Um)
0.6/ 1 (1.2) kV



Fire retardant
EN IEC 60332-3-22
(cat A)



Flame retardant
IEC 60332-1



Smoke density
IEC 61034



Gases corrosivity
IEC 60754-2



Operating temp.
-30 ... 80 °C

CHARACTERISTICS

Construction characteristics

Conductor material	Bare copper
Conductor flexibility	Flexible class 5
Insulation	Polyolefin
Halogen free	IEC 60754-1

Dimensional characteristics

Number of cores	1
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Electrical characteristics

Rated Voltage U _o /U (U _m)	0.6/ 1 (1.2) kV
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Usage characteristics

Fire retardant	EN IEC 60332-3-22 (cat A)
Flame retardant	IEC 60332-1
Smoke density	IEC 61034
Gases corrosivity	IEC 60754-2
Operating temperature, range	-30 ... 80 °C
Max. conductor temperature in service	- °C

PRODUCT LIST

Reference	Country Ref.	Name
 10118168	-	MX 1X0.75RF 0.6/1KV BK 1000
 10264339	-	MX 1x0.75RF 0.6/1kV RD 1000
 10045465	-	MX 1x0.75RF 0.6/1kV WT 1000
 10045467	-	MX 1x0,75RF 0.6/1kV BU 1000
 10082992	01272904	MX 1X1RF 0.6/1KV BK 1000
 10045469	-	MX 1X1.5RF 0.6/1KV BK 1000
 10264341	01272913	MX 1X1.5RF 0.6/1KV GNYE 1000
 10264340	01272912	MX 1x1.5RF 0.6/1kV RD 1000
 25404293	-	MX 1x1.5RF 0.6/1kV WT 1000
 10045463	-	MX 1x1.5RF 0.6/1kV BU 1000
 10046269	01272916	MX 1X2.5RF 0.6/1KV BK 500
 10264388	01272919	MX 1X2.5RF 0.6/1KV GNYE 500
 10264342	01272917	MX 1x2.5RF 0.6/1kV RD 500
 10045476	01099426	MX 1X4RF 0.6/1KV BK 500
 10264385	01272918	MX 1x6RF 0.6/1kV BK 500
 10045485	01099436	MX 1X6RF 0.6/1KV GNYE
 10264343	01272914	MX 1x10RF 0.6/1kV BK
 25404256	-	MX 1X10RF 0.6/1KV GNYE
 10264384	01272915	MX 1x16RF 0.6/1kV BK
 25404257	-	MX 1X16RF 0.6/1KV GNYE

 = Make to order,  = In stock,

Reference	Country Ref.	Name
☎ 10045491	01099450	MX 1x25RF 0.6/1kV BK 500
☎ 25404158	-	MX 1X25RF 0.6/1KV GNYE 500
☎ 10045493	01099456	MX 1x35RF 0.6/1kV BK 500
☎ 25404159	-	MX 1X35RF 0.6/1KV GNYE 500
☎ 10045495	-	MX 1x50RF 0.6/1kV BK 500
☎ 25404160	-	MX 1X50RF 0.6/1KV GNYE 500
☎ 25404141	-	MX 1x70RF 0.6/1kV BK 500
☎ 25404161	-	MX 1X70RF 0.6/1KV GNYE 500
☎	10045495	MX 0.6/1kV 1x300 Noir GL

☎ = Make to order, 📦 = In stock,