

POWER CABLES**Max. conductor temperature : 90°C**

MPRX® 0.6/1 kV power cables are used for wiring fixed installations not subject to mechanical risks.

Design**1 Conductor**

Stranded bare copper
Class 2

3 Inner covering

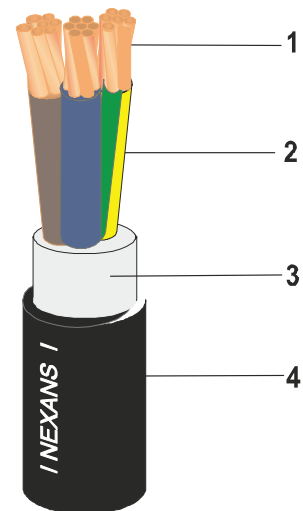
Extruded inner covering

2 Insulation

XLPE
(crosslinked polyethylene)

4 Outer sheath

Halogen-free compound SHF1
Colour : black

**Marking**

I NEXANS I MPRX
3G1,5 mm² 0,6/1kV 90°C
IEC 60092-353
IEC 60332-3-22 Cat. A
"week year" *CE* batch-no.
+ metric marking

Core identification

3GS : blue-brown-green/yellow

Standards

IEC 60228
IEC 60092-350
IEC 60092-353
IEC 60092-360

Tests performance

IEC 60332-1
IEC 60332-3-22
IEC 60754-1/-2
IEC 61034



Fire retardant
IEC 60332-3-22



Flame retardant
IEC 60332-1



Low smoke
IEC 61034



Halogen free
IEC 60754-1



Low toxicity



Low corrosivity
IEC 60754-2



Ambient temperature
-30 +80°C

POWER CABLES**Max. conductor temperature : 90°C****Dimensions**

Nexans Reference	Cables	Outer Sheath Diameter		Total weight	Bending radius
		mini	maxi	approx	mini
	mm²	mm	mm	kg/km	mm
25411162	3G1,5	9,0	11,0	140	44

Electrical characteristics

Cables	Maximum electrical resistance		Inductance trefoil	Reactance AT 60Hz	Capacitance cond/cond	Continuous current rating T°Cond= 90°C T°Air= 45°C	Short-circuit AT 1sec
	AT20°C - DC	AT90°C					
	DC	60Hz	approx.	approx.	approx.	maxi	maxi
mm²	Ohm/km	Ohm/km	mH/km	Ohm/km	nF/km	A	kA
3G1,5	12,10	15,43	0,32	0,12	62	16	0,21