



Reference: 79465254

CONTACT

Markets and Products Information
rollingstock.business@lynxeogroup.com

MULTICORES POWER CABLES

FLAMEX® EN 50264 - 3 - 2 MM multicores power and control cables are used for fixed and protected installations. This product range is recommended for narrow spaces where an optimal bending radius is required. FLAMEX® cables are designed to withstand tough working conditions (oil, ozone, temperature variation, etc.). 120 ° C conductor temperature is allowed for a 20,000 hours cumulative working time.

STANDARDS

Product EN 50264 - 3 - 2; EN 45545 - HL3; IEC 60228

DESIGN

1. Conductor
Flexible stranded tinned copper, class 5 acc. to IEC 60228
Optional halogen - free separator tape
2. Insulation
Cross - linked compound type EI 109 acc. to EN 50264 - 1
3. Outer sheath
Cross - linked compound type EM 104 acc. to EN 50264 - 1
Oil, diesel, ozone and UV resistant
Colour: black

Example of marking: FLAMEX EN 50264 - 3 - 2 600V n X (G) ... (mm²)
MM (N)HXSLOE I LYNXEO I WW - YYYY

GUIDE TO USE

- Cabling rules are given in EN 50343 and EN 50355
- Permissible current carrying capacities: values and calculation method are given in EN 50343
- Bending radius:
 - Static use: 4 x outer cable diameter
 - For installation and occasional movements: 5 x outer cable diameter



Conductor flexibility
5



Halogen free
EN 60754 - 1 & EN 60684 - 2



Uo/U
0.6/ 1 (1.2) kV



IEC 60332 - 1 - 2



Fire retardant
EN IEC 60332 - 3 - 24 (cat C); EN IEC 60332 - 3 - 25 (EN50305)



EN/IEC 61034 - 2



가
EN 50305 - 9.2



Operating temp.
- 40 ... 90 ° C

CHARACTERISTICS

Conductor flexibility	Tin plated copper
	5
Halogen free	Cross - linked compound
	Cross - linked compound
With Green/Yellow core	EN 60754 - 1 & EN 60684 - 2
Minimum outer diameter	4
	1.5 mm ²
Maximum outer diameter	8.5 mm
	9.2 mm
()	127 kg/km
	- mm
Uo/U (Um)	
	0.6/ 1 (1.2) kV
Fire retardant	IEC 60332 - 1 - 2
	EN IEC 60332 - 3 - 24 (cat C); EN IEC 60332 - 3 - 25 (EN50305)
가	EN/IEC 61034 - 2
	EN 50305 - 9.2
操作度范	- 40 ... 90 ° C
Chemical resistance	Excellent
Ozone resistance	Yes
U.V resistance	Yes
Max. conductor temperature in service	90 ° C
Short - circuit max. conductor temperature	200 ° C