



## POWER & CONTROL cables without screen

### STANDARDS

Product IEC 60228

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

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

### APPLICATIONS

Reference: 10164490

### CONTACT

Market information  
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Conductor flexibility  
5



Halogen free  
IEC 60754 - 1



U<sub>0</sub>/U  
0.6/ 1 (1.2) kV



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



IEC 60332 - 1



IEC 61034



Gases corrosivity  
IEC 60754 - 2



Operating temp.  
-30 ... 80 °C

## CHARACTERISTICS

Conductor flexibility	5
	XLPE(가 )
Conductor shape	
Material of filler / inner sheath	
Halogen free	IEC 60754 - 1
Sheath colour	
With Green/Yellow core	
	3
	6 mm <sup>2</sup>
Nominal outer diameter	12.1 mm
Minimum outer diameter	11.2 mm
Maximum outer diameter	12.9 mm
( )	228 kg/km
Permissible short circuit current	0.9 kA
Permissible current rating in open air	36 A
20 ° C DC	3.08 Ohm/km
U <sub>o</sub> /U (U <sub>m</sub> )	0.6/ 1 (1.2) kV
Fire retardant	EN IEC 60332 - 3 - 22 (cat A)
	IEC 60332 - 1
	IEC 61034
Gases corrosivity	IEC 60754 - 2
操作度范	- 30 ... 80 ° C
Max. conductor temperature in service	90 ° C

## OTHER CHARACTERISTICS

Test Voltage  
 AC between cores.....  
 3.5 kV AC

Minimum bending radius for fixed installations MPRX®  
 • cable diameter 25 mm..... 4 x outer diameter  
 • cable diameter > 25 mm..... 6 x outer diameter

Minimum bending radius for fixed installations MPRX® FLEXISHIP®..... 4 x outer diameter