

SPEAKFIL/OFC-2Y(Sm)DY 2x0.20 P
Code - 8030



Description

Oxygen free copper conductor. Polyethylene insulation. Semiconductor polyethylene individually shield. Lay up conductors. Bare copper spiral shield. PVC-NBR outer sheath.

PHYSICAL CHARACTERISTICS

Conductor

Material	Oxygen free copper
Section (mm ²)	0,20
AWG	24
Composition	25 x 0,10

Insulation

Material	Polyethylene
Diameter (mm)	1,40
Colour	Natural and Red

Semiconductor shield

Material	Semiconductor polyethylene
Diameter (mm)	1,70
Colour	Black

Lay up

Composition	2 conductors.
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Protection

Material	NO
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Inner sheath

Material	NO
Diameter (mm)	
Colour	

Outer shield

1st Shield	
Material	
Coverage	95 - 100 %
2nd Shield	NO
Material	
Coverage	

Outer shield

Material	PVC-NBR
Diameter (mm)	6,0
Colour	Several

Printing

Inscription	Conducfil
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Supply

Packing	To be defined
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MECHANICAL CHARACTERISTICS

Appox. Weight	47 Kg/km
Operating temperature range	-20 / +80
Minimum bending radius	120 mm

ELECTRICAL CHARACTERISTICS

Conductor DC resistance at 20° C	90,4 Ohms/km
Shield DC resistance at 20° C	16,3 Ohms/Km
Nominal capacitance	60 pF/m
Insulation resistance	>1000 Mohms * Km
Voltage test	1500 v



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SAFETY

FLAME TEST

		Compliance
Test for vertical flame spread	IEC-60332-1	<input type="checkbox"/>
Test for vertical flame spread	IEC-60332-2	<input type="checkbox"/>
Test for vertical flame spread	IEC-60332-3	<input type="checkbox"/>
It does not emite toxic fumes or halogens	IEC-754-1	<input type="checkbox"/>
It does not emite corrosive fumes or halogens	IEC-754-2	<input type="checkbox"/>
Low emision of dense fumes	IEC-1034-1	<input type="checkbox"/>

ENVIRONMENT

		Compliance
Content of hazardous sustances	Directive 2002/95/CE	<input checked="" type="checkbox"/>

APPLICABLE SPECIFICATIONS

		Compliance
Conductor material	UNE-EN 60228	<input checked="" type="checkbox"/>
Insulation material	UNE-EN 50290	<input checked="" type="checkbox"/>