

**SONOFIL-02YDY 2x0,16 P**  
**Code - 3128**



**Description**

Bare copper conductor. Foam polyethylene insulation. Individual bare copper spiral shield. PVC-NBR outer sheath.

**PHYSICAL CHARACTERISTICS**

**Conductor**

Material	Bare copper
Section (mm <sup>2</sup> )	0,16
AWG	29
Composition	20 x 0,10

**Insulation**

Material	Foam polyethylene
Diameter (mm)	2,40
Colour	White and Red

**Individually shield**

1st Shield	
Material	Bare copper spiral
Coverage	100 %
2nd Shield	
Material	
Coverage	

**Outer sheath**

Material	PVC-NBR
Diameter (mm)	4,8 x 9,0
Colour	Black matt



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**Printing**

Inscription Conducfil

**Supply**

Packing To be defined

**MECHANICAL CHARACTERISTICS**

Appox. Weight 40 Kg/km  
 Operating temperature range -20 / +80  
 Minimum bending radius 72 mm

**ELECTRICAL CHARACTERISTICS**

Conductor DC resistance at 20° C 117 Ohms/km  
 Shield DC resistance at 20° C 28,6 Ohms/Km  
 Nominal capacitance 60 pF/m  
 Insulation resistance >5000 Mohms \* Km  
 Voltage test 1500 v

**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"/>