

**SPEAKFIL-2YDY 2x0.22 P**  
**Code - 11117**



**Description**

Bare copper conductor. Polyethylene insulation. Lay up conductors. Bare copper spiral shield. PVC-NBR outer sheath.

**PHYSICAL CHARACTERISTICS**

**Conductor**

Material	Bare copper
Section (mm <sup>2</sup> )	0,22
AWG	24
Composition	7 x 0,2

**Insulation**

Material	Polyethylene
Diameter (mm)	1,20
Colour	white, red

**Semiconductor shield**

Material	NO
Diameter (mm)	
Colour	

**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
Colour	Black

**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	80,8 Ohms/km
Shield DC resistance at 20° C	28,1 Ohms/Km
Nominal capacitance	70 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"/>

