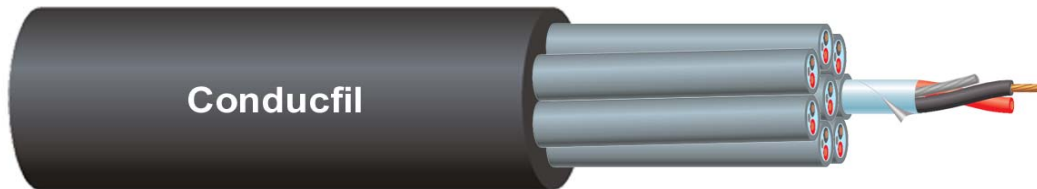




**SONOLENE/OFC-09Y(St)YY 16x2x0,20 P**  
**Code - 6709**



**Description**

Oxygen free copper conductor. Foam polypropylene insulation. Twisted conductors. Tinned copper drain wire. Aluminium-polyester foil shield. PVC sheath. Lay up pairs. PVC-NBR outer sheath.

**PHYSICAL CHARACTERISTICS**

**Conductor**

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

**Insulation**

Material	Foam polypropylene
Diameter (mm)	1,10
Colour	Red and Black

**Twisted**

Lay length (mm)	Each 19
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**Individually shield**

Drain wire	Tinned copper
Section (mm <sup>2</sup> )	0,22
AWG	24
Composition	7 x 0,20
1st Shield	
Material	Aluminium-polyester foil
Coverage	100 %
2nd Shield	NO
Material	
Coverage	



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**Individually outer sheath**

Material	PVC
Diameter (mm)	3
Colour	Grey

**Lay up**

Composition	R+5+11 pairs.
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**Outer sheath**

Material	PVC-NBR
Diameter (mm)	17,7
Colour	Black matt

**Printing**

Inscription	Conducfil
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**Supply**

Packing	To be defined
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**MECHANICAL CHARACTERISTICS**

Appox. Weight	365,1 Kg/km
Operating temperature range	-40 / +80
Minimum bending radius	354 mm

**ELECTRICAL CHARACTERISTICS**

Conductor DC resistance at 20° C	90,4 Ohms/km
Shield DC resistance at 20° C	90,4 Ohms/Km
Nominal capacitance	55 pF/m
Nominal impedance	
Velocity of propagation	78 %
Insulation resistance	>5000 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"/>