

SONOLENE/PLUS-09Y(St)YCY 4x2x0.20 P
Code - 9693



Description

Bare copper conductor. Foam polypropylene insulation. Twisted conductors. Tinned copper drain wire each pair. Aluminium-polyester foil shield each pair. shield each pair. PVC sheath each pair. Lay up pairs. . Tinned copper braid shield. PVC-NBR outer sheath.

PHYSICAL CHARACTERISTICS

Conductor

Material	Bare copper
Section (mm ²)	0,20
AWG	24
Composition	25 x 0,1

Insulation

Material	Foam polypropylene
Diameter (mm)	1,10
Colour	red, black

Twisted

Lay length (mm)	Each 19
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Individually shield

Drain wire	
Section (mm ²)	0,22
AWG	24
Composition	7 x 0,2
1st Shield	
Material	Aluminium-polyester foil
Coverage	100 %
2nd Shield	
Material	
Coverage	



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Individually outer sheath

Material	PVC
Diameter (mm)	3
Colour	Grey

Lay up

Composition	4 pairs.
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Protection

Material	
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Outer shield

Drain wire	NO
Section (mm ²)	
AWG	
Composition	
1st Shield	
Material	Tinned copper braid
Coverage	80 %
2nd Shield	
Material	
Coverage	

Outer shield

Material	PVC-NBR
Diameter (mm)	10,2
Colour	Black

Printing

Inscription	Conducfil
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Supply

Packing	To be defined
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MECHANICAL CHARACTERISTICS

Appox. Weight	118,3 Kg/km
Operating temperature range	-20 / +80
Minimum bending radius	204 mm



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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

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"/>