

**QUADSON-09Y(St)Y 1x4x0.14 P**  
**Code - 9551**



**Description**

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

**PHYSICAL CHARACTERISTICS**

**Conductor**

Material	Bare copper
Section (mm <sup>2</sup> )	0,14
AWG	26
Composition	18 x 0,1

**Insulation**

Material	Foam polypropylene
Diameter (mm)	1,00
Colour	blue-white-blue-white

**Lay up**

Composition	4 conductors.
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**Protection**

Material	
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**Outer shield**

Drain wire	Tinned copper
Section (mm <sup>2</sup> )	0,14
AWG	26
Composition	18 x 0,1
1st Shield	
Material	Aluminium-polyester foil
Coverage	100 %



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**Outer shield**

Material	PVC-NBR
Diameter (mm)	4,5
Colour	Black

**Printing**

Inscription	Conducfil
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**Supply**

Packing	To be defined
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**MECHANICAL CHARACTERISTICS**

Appox. Weight	24,5 Kg/km
Operating temperature range	-20 / +80
Minimum bending radius	90 mm

**ELECTRICAL CHARACTERISTICS**

Conductor DC resistance at 20° C	125,7 Ohms/km
Shield DC resistance at 20° C	125,7 Ohms/Km
Nominal capacitance	55 pF/m
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"/>