

TRIAX/SF-8 1x0.50 G
Code - 10263



Description

Silvered copper conductor. Physical foam polyethylene insulation. Silvered copper braid shield. TPE inner sheath. Bare copper braid shield. PVC-NBR outer sheath.

PHYSICAL CHARACTERISTICS

Conductor

Material	Silvered copper
Section (mm ²)	0,50
AWG	20
Composition	9 x 0,28

Insulation

Material	Physical foam polyethylene
Diameter (mm)	4,50
Colour	natural

Inner shield

1st Shield	
Material	Silvered copper braid
Coverage	90 %

Inner sheath

Material	TPE
Diameter (mm)	6,5
Colour	Natural

Outer shield

1st Shield	
Material	Bare copper braid
Coverage	80 %



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Outer sheath

Material	PVC-NBR
Diameter (mm)	8,5
Colour	Red RAL 3020

Printing

Inscription	Conducfil
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Supply

Packing	To be defined
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MECHANICAL CHARACTERISTICS

Appox. Weight	86,4 Kg/km
Operating temperature range	-20 / +80
Minimum bending radius	170 mm

ELECTRICAL CHARACTERISTICS

Conductor DC resistance at 20° C	31,1 Ohms/km
Shield DC resistance at 20° C	7,6 / 6,6 Ohms/Km
Nominal capacitance	54 pF/m
Nominal impedance	75 ohms
Velocity of propagation	82 %

Attenuation	Frequency (MHz)	dB/100 m
	1	0,8
	10	2,6
	20	3,8
	100	6,9



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Return loss	Frequency (MHz)	dB
	0-800	20
	800-1000	23
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"/>