

**COAXIAL/R-S02Y(St)CY 1x0.80 P**  
**Code - 9889**



**Description**

Bare copper conductor. Physical foam polyethylene insulation. Aluminium-polyester-aluminium foil shield. Tinned copper braid shield. PVC outer sheath.

**PHYSICAL CHARACTERISTICS**

**Conductor**

Material	Bare copper
Section (mm <sup>2</sup> )	0,50
AWG	24
Composition	1 x 0,8

**Insulation**

Material	Physical foam polyethylene
Diameter (mm)	3,70
Colour	natural

**Shield**

1st Shield	
Material	Aluminium-polyester-aluminium foil
Coverage	100 %
2nd Shield	
Material	Tinned copper braid
Coverage	90 %

**Outer sheath**

Material	PVC
Diameter (mm)	6,1
Colour	Black



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**Printing**

Inscription	Conducfil
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**Supply**

Packing	To be defined
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**MECHANICAL CHARACTERISTICS**

Appox. Weight	44 Kg/km
Operating temperature range	-20 / +80
Minimum bending radius	122 mm

**ELECTRICAL CHARACTERISTICS**

Conductor DC resistance at 20° C	34,3 Ohms/km
Shield DC resistance at 20° C	9,4 Ohms/Km
Nominal capacitance	54 pF/m
Nominal impedance	75 ohms
Velocity of propagation	82 %

Attenuation	Frequency (MHz)	dB/100 m
	1	1,0
	5	2,1
	10	2,9
	20	3,9
	30	4,5
	50	5,3
	100	7,1

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

Insulation resistance	>5000 Mohms * Km
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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"/>