

**TRIAX/F-11 1x1.16 G**  
**Code - 1285**



**Description**

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

**PHYSICAL CHARACTERISTICS**

**Conductor**

Material	Silvered copper
Section (mm <sup>2</sup> )	1,16
AWG	
Composition	19 x 0,28

**Insulation**

Material	Physical foam polyethylene
Diameter (mm)	6,50
Colour	natural

**Inner shield**

1st Shield	
Material	Silvered copper braid
Coverage	90 %

**Inner sheath**

Material	Polyethylene
Diameter (mm)	8,5
Colour	Natural

**Outer shield**

1st Shield	
Material	Bare copper braid
Coverage	80 %



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**Outer sheath**

Material	PVC-NBR
Diameter (mm)	11
Colour	Red

**Printing**

Inscription	Conducfil
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**Supply**

Packing	To be defined
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**MECHANICAL CHARACTERISTICS**

Appox. Weight	130 Kg/km
Operating temperature range	-20 / +80
Minimum bending radius	220 mm

**ELECTRICAL CHARACTERISTICS**

Conductor DC resistance at 20° C	15 Ohms/km
Shield DC resistance at 20° C	6,3 / 5,0 Ohms/Km
Nominal capacitance	54 pF/m
Nominal impedance	75 ohms
Velocity of propagation	82 %

Attenuation	Frequency (MHz)	dB/100 m
	1	0,5
	10	1,9
	20	2,7
	100	4,6



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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"/>