



**COAXIAL/F-S02YCCY 1x0,72 P**  
**Code - 14384**



**Description**

Bare copper conductor. Physical foam polyethylene insulation. Tinned copper braid shield. Tinned copper braid shield. PVC outer sheath.

**PHYSICAL CHARACTERISTICS**

**Conductor**

Material	Bare copper
Section (mm <sup>2</sup> )	0,72
AWG	19
Composition	7 x AWG27
Diameter (mm)	1,016

**Insulation**

Material	Gas injected FHDPE
Diameter (mm)	4,572
Colour	natural

**Shielded**

1st. Shield	
Material	Tinned copper braid
Coverage	93 %
2nd Shield	
Material	Tinned copper braid
Coverage	94 %

**Outer sheath**

Material	PVC
Diameter (mm)	7,00
Colour	Black

**Printing**

Inscription	Conduccifil
-------------	-------------



**COAXIAL/F-S02YCCY 1x0,72 P**  
**Code - 14384**

**Supply**

Packing	To be defined
---------	---------------

**MECHANICAL CHARACTERISTICS**

Approx. Weight	74,4	Kg/Km
Operating temperature range	-35 to +75	°C
Minimum bending radius	70	mm

**ELECTRICAL CHARACTERISTICS**

Conductor DC resistance at 20° C	24,2	Ω/Km
Shield DC resistance at 20° C	5,5	Ω/Km
Nominal capacitance	52	pF/m
Nominal impedance	75	Ω
Velocity of propagation	86	%
Time delay	3,87	ns/m
Cutoff frequency	29,2	GHz

**Transmission distance**

143 Mb/s (Composite NTSC, SMPTE 259M)	427	m
177 Mb/s (Composite PAL, ITU-R BT, 601)	383	m
270 Mb/s (Component video, Component SMPTE 259M)	310	m
360 Mb/s (Component Wide-screen, SMPTE 259M)	269	m
540 Mb/s (Component Wide-screen, SMPTE 344M)	131	m
1.5 Gb/s (HDTV, SMPTE 292M)	108	m
3,0 Gb/s (Prog. Scan HDTV, SMPTE 424M)	93	m

Attenuation	Frequency (MHz)	dB/100 m
	1	0,79
	3,58	1,48
	5	1,77
	6	1,81
	7	2,03
	10	2,36
	12	2,72
	25	3,87
	67,5	6,23
	71,5	6,56
	88,5	7,22
	100	7,87
	135	9,19
	143	9,52
	180	10,83
	270	13,12



**COAXIAL/F-S02YCCY 1x0,72 P**  
**Code - 14384**

Attenuation	Frequency (MHz)	dB/100 m
	360	15,42
	540	19,36
	720	22,64
	750	22,97
	1000	26,90
	1500	34,12
	2000	40,36
	2250	43,31
	3000	51,18
	4500	64,96

  

Return loss	Frequency (MHz)	dB
	5-850	20
	851-4500	15

  

Insulation resistance	>5000	MΩ*Km
Voltage test	1500	v

**SAFETY**

**FLAME TEST**

Test	Standard	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**

Content of hazardous sustances	Directiva 2002/95/CE	Compliance <input checked="" type="checkbox"/>
--------------------------------	----------------------	--

**APPLICABLE SPECIFICATIONS**

Conductor material	UNE-EN 60228	Compliance <input checked="" type="checkbox"/>
Insulation material	UNE-EN 50290	Compliance <input checked="" type="checkbox"/>