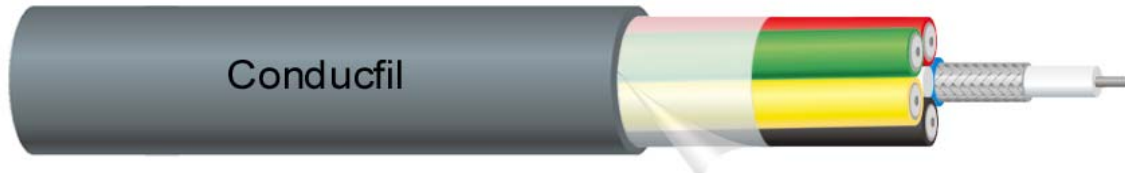


**MULTICOAXIAL/R-02YCY 5x0.35 S**  
**Code - 4553**



**Description**

Tinned copper conductor. Foam polyethylene insulation. Individual tinned copper braid shield. Individual PVC outer sheath. Lay up coaxials. Polyester foil. PVC outer sheath.

**PHYSICAL CHARACTERISTICS**

**Conductor**

Material	Tinned copper
Section (mm <sup>2</sup> )	0,10
AWG	29
Composition	1 x 0,35

**Insulation**

Material	Foam polyethylene
Diameter (mm)	1,60
Colour	Natural

**Individually shield**

Drain wire	
Section (mm <sup>2</sup> )	
AWG	
Composition	
1st Shield	
Material	Tinned copper
Coverage	89 %
2nd Shield	
Material	
Coverage	



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**Individually outer sheath**

Material	PVC
Diameter (mm)	2,60
Colour	Red, Green, Blue, Yellow, Black

**Lay up**

Composition	filler+5 coaxials.
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**Protection**

Material	Polyester foil
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**Outer sheath**

Material	PVC
Diameter (mm)	8,70
Colour	Grey

**Printing**

Inscription	Conducfil
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**Supply**

Packing	To be defined
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**MECHANICAL CHARACTERISTICS**

Appox. Weight	83 Kg/km
Operating temperature range	-20 / + 80
Minimum bending radius	174 mm

**ELECTRICAL CHARACTERISTICS**

Conductor DC resistance at 20° C	187 Ohms/km
Shield DC resistance at 20° C	31,5 Ohms/Km
Nominal capacitance	58 pF/m
Nominal impedance	75 ohms
Velocity of propagation	78 %



**MULTICOAXIAL/R-02YCY 5x0.35 S**  
**Código - 4553**

Attenuation	Frequency (MHz)	dB/100 m
	1	1,5
	5	4,7
	10	7,2
	20	9,5
	30	12,3
	100	25,8
Return loss	Frequency (MHz)	dB
	0-800	20
	800-1000	23
Insulation resistance		>10000 Mohms * Km
Voltage test		1500 v

**SAFETY**

**FLAME TEST**

Test for vertical flame spread	IEC-60332-1	Compliance
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	Directive 2002/95/CE	Compliance
		<input checked="" type="checkbox"/>

**APPLICABLE SPECIFICATIONS**

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