

Bieffe

CAVICOASSIALI SCHERMATI

CABLE:

CO 10 R LSOH DIGITAL SAT

1.00 CU	1.20 PE	4.60 PEE	4.70 PE	4.80 CU/PET	5.30 CU	PET	6.80 LSOH
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CONSTRUCTION PROPERTIES**material data****dimensions**

1° - Inner conductor: red copper	CU	∅ 1,00	mm
2° - Black carbon pigmentated Polyethylene isolation	PE	∅ 1,20	mm
3° - Insulation: foam Polyethylene	PEE	∅ 4,6	mm
4° - Black carbon pigmentated Polyethylene isolation	PE	∅ 4,7	mm
5° - Tape: copper/polyester	CU / PET	100	%
6° - Braid: electrolytic copper wire	CU	∅ 5,3	mm
7° - Film: Polyester	PET	100	%
8° - Sheath: low smokes and zero Halogens compound	LSOH	∅ 6,8	mm

ELECTRICAL SPECIFICATIONS

Nominal Impedance	Ohm	75	+/- 2
Capacitance approx	pF/m	52	+/- 2
Velocity ratio	%	85	
DC Resistance: Inner Conductor	Ohm/Km	20	
Outer Conductor	Ohm/Km	15	
Screening Attenuation:	dB	> 85	
Maximum voltage	kV	2,5	

Attenuation dB/100 m

Frequency			Frequency		
5 MHz	dB	1,2	860 MHz	dB	18,5
50 MHz	dB	4,1	1000 MHz	dB	20,0
100 MHz	dB	6,0	1750 MHz	dB	27,0
200 MHz	dB	8,5	2150 MHz	dB	30,0
460 MHz	dB	13,1	3000 MHz	dB	35,5

Return Loss**SRL**

Frequency		
30 - 470 MHz	dB	> 30
470 - 860 MHz	dB	> 28
860 -2150 MHz	dB	> 27

MECHANICAL PROPERTIES

Minimum bending radius	mm	20/50
Total weight	Kg / Km	46

last revision: 20/01/03

issued date: 04/02/03

signature

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