

CO 10 R PE

CONSTRUCTION PROPERTIES

material data

1° - Inner conductor: red copper

Cu

dimension

∅ 1,00 mm

4° - Polyethylene+carbon black

PEC

3° - Insulation: foam antiaging Polyethylene

PEE

mm

4° - Polyethylene+carbon black

PEC

∅ 4,70

5° - Jelly filling

J 1

6° - Tape: Copper / polyester

Cu / Pet

100 %

7° - Braid: red copper wires

Cu

∅ 5,30 mm

8° - Jelly filling

J2

9° - Sheath: Polyethylene
colours: BLACK

PE

∅ 6,70 mm



ELECTRICAL SPECIFICATIONS

Screening Attenuation:	dB	>85	
Braid coverage	%	55	
DC Resistance: Inner Conductor	Ohm/Km	22	
Outer Conductor	Ohm/Km	14,9	
Nominal Impedance	Ohm	75	+/- 2
Capacitance approx	pF/m	52	+/- 2
Velocity ratio	%	85	
Maximum voltage (spark test)	kV	3	

Return Loss		SRL
Frequency		
20 - 470 MHz	dB	> 30
470 - 1500 MHz	dB	> 27
1500 - 2500 MHz	dB	> 25

Attenuation		dB/100 m	
Frequency			
5 MHz	dB	1,0	
50 MHz	dB	4,0	
200 MHz	dB	8,3	
300 MHz	dB	10,0	
470 MHz	dB	12,8	
860 MHz	dB	17,8	
1000 MHz	dB	19,5	
1750 MHz	dB	26,9	
2150 MHz	dB	30,0	
2500 MHz	dB	32,8	
3000 MHz	dB	36,0	

MECHANICAL PROPERTIES

Minimum bending radius	mm	20/50
Total weight	Kg / Km	19
Copper weight	Kg / Km	45

TECHNICAL DATAS mod.TC15

latest issue date

01/09/2008

CONFORMITY

EN50117-2-5 RNE 678/100
EUROPEAN NORM RoHS

sign


