

BF 6004

CONSTRUCTION PROPERTIES

material data

		dimension
1°- Inner conductor: copper clad steel 40%	CW	∅ 0,41 mm
2°- Insulation: foam antiaging Polyethylene	PEE	∅ 1,90 mm
3°- Tape: Aluminium/polyester/aluminium	AL/PET/AL	100 %
4°- Braid: tinned copper wires	CU - Sn	∅ 2,60 mm
5°- Film: Polyester		
6°- Sheath: Polyvinylchloride antimigrating colours WHITE	PVC	∅ 3,60 mm



ELECTRICAL SPECIFICATIONS

Screening Attenuation:	dB	>85
Braid coverage	%	60
DC Resistance Inner Conductor	Ohm/Km	320
Outer Conductor	Ohm/Km	31
Nominal Impedance	Ohm	75 +/- 2
Capacitance approx	pF/m	55 +/- 2
Velocity ratio	%	85
Maximum voltage (spark test)	kV	2,5

Return Loss		SRL
Frequency		
20 - 470 MHz	dB	> 30
470 - 1500 MHz	dB	> 27
1500 - 2500 MHz	dB	> 22

Attenuation		dB/100 m	
Frequency			
5 MHz	dB	3,8	
50 MHz	dB	10,8	
200 MHz	dB	21,0	
300 MHz	dB	25,8	
470 MHz	dB	32,9	
860 MHz	dB	44,5	
1000 MHz	dB	50,0	
1750 MHz	dB	64,6	
2150 MHz	dB	72,0	
2500 MHz	dB	75,0	
3000 MHz	dB	86,4	

MECHANICAL PROPERTIES

Minimum bending radius	mm	20/50
Total weight	Kg / Km	16
Copper weight	Kg / Km	6

CONFORMITY

EN50117
EUROPEAN NORM RoHS

TECHNICAL DATAS mod.TC15

latest issue date

01/04/2008

sign


