

# RG 58 C/U

## CONSTRUCTION PROPERTIES

### material data

			dimension
1° - Inner conductor: tinned copper	19x0,18mm	CuSn	∅ 0,98 mm
2° - Insulation: Polyethylene		PEE	∅ 2,95 mm
3° - Braid: tinned copper wires		CuSn	∅ 3,50 mm
4° - Sheath: Polyvinylchloride FLAME RETARDANT colours , BLACK		PVC AF	∅ 5,00 mm



## ELECTRICAL SPECIFICATIONS

Screening Attenuation:	dB	>55	
Braid coverage	%	94	
DC Resistance: Inner conductor	Ohm/Km	38	
Outer conductor	Ohm/Km	16	
Nominal Impedance	Ohm	50	+/- 2
Capacitance approx	pF/m	97	+/- 2
Velocity ratio	%	66	
Maximum voltage (spark test)	kV	3	

Attenuation		dB/100 m	
Frequency			
50 MHz	dB	10,5	
100 MHz	dB	15,0	
200 MHz	dB	23,0	
300 MHz	dB	30,0	
500 MHz	dB	39,0	
800 MHz	dB	50,0	
1000 MHz	dB	61,0	

Return Loss		SRL	
Frequency			
20 - 470 MHz	dB	> 26	
470 - 1000 MHz	dB	> 24	

Max Power		
Frequency		
100 MHz	W	200
400 MHz	W	60
1000 MHz	W	35

## MECHANICAL PROPERTIES

Minimum bending radius	mm	20/50
Total weight	Kg / Km	39
Copper weight	Kg / Km	18

TECHNICAL DATAS mod.TC15

latest issue date  
01/04/2008

## CONFORMITY

MIL C17 CEI20-35 - CEI20-22  
EUROPEAN NORM RoHS

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