

RG 59 B/U

CONSTRUCTION PROPERTIES

material data

1° - Inner conductor: copper clad steel 40

CW

dimension

∅ 0,58 mm

2° - Insulation: Polyethylene

PEE

∅ 3,70 mm

3° - Braid: red copper wires

Cu

∅ 4,40 mm

4° - Sheath: Polyvinylchloride FLAME RETARDANT colours .BLACK

PVC AF

∅ 6,20 mm



ELECTRICAL SPECIFICATIONS

Screening Attenuation:	dB	>55	
Braid coverage	%	94	
DC Resistance: Inner conductor	Ohm/Km	158	
Outer conductor	Ohm/Km	11	
Nominal Impedance	Ohm	75	+/- 2
Capacitance approx	pF/m	65	+/- 2
Velocity ratio	%	66	
Maximum voltage (spark test)	kV	3	

Attenuation		dB/100 m	
Frequency			
5 MHz	dB	7,5	
100 MHz	dB	12,0	
200 MHz	dB	16,0	
300 MHz	dB	20,0	
500 MHz	dB	26,0	
800 MHz	dB	35,0	
1000 MHz	dB	38,5	

Return Loss		SRL	
Frequency			
20 - 470 MHz	dB	> 21	
470 - 1000 MHz	dB	> 18	

Max Power		
Frequency		
100 MHz	W	300
400 MHz	W	135
1000 MHz	W	75

MECHANICAL PROPERTIES

Minimum bending radius	mm	20/50
Total weight	Kg / Km	56
Copper weight	Kg / Km	23

TECHNICAL DATAS mod.TC15

latest issue date

01/04/2008

CONFORMITY

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

sign


