

RG 174 A/U

CONSTRUCTION PROPERTIES

material data

1°- Inner conductor: copper clad steel
7x0,16mm

CW

dimension

∅ 0,48 mm

2°- Insulation: Polyethylene

PEE

∅ 1,50 mm

3°- Braid: tinned copper wires

CuSn

∅ 1,90 mm

4°- Sheath: Polyvinylchloride FLAME RETARDANT
colours . BLACK

PVC-AF

∅ 2,70 mm



ELECTRICAL SPECIFICATIONS

Screening Attenuation:	dB	>50	
Braid coverage	%	88	
DC Resistance: Inner conductor	Ohm/Km	290	
Outer conductor	Ohm/Km	42	
Nominal Impedance	Ohm	50	+/- 2
Capacitance approx	pF/m	99	+/- 2
Velocity ratio	%	66	
Maximum voltage (spark test)	kV	2,5	

Attenuation		dB/100 m	
Frequency			
5 MHz	dB	20,0	
50 MHz	dB	30,0	
100 MHz	dB	42,5	
200 MHz	dB	51,0	
400 MHz	dB	65,0	
1000 MHz	dB	81,0	
2000 MHz	dB	95,0	

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

Max Power		
Frequency		
100 MHz	W	50
400 MHz	W	25
1000 MHz	W	15

MECHANICAL PROPERTIES

Minimum bending radius	mm	15/30
Total weight	Kg / Km	12
Copper weight	Kg / Km	4,8

TECHNICAL DATAS mod.TC15

latest issue date
01/04/2008

CONFORMITY

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

sign


