

Data Sheet

Cable Type RA7000

General Description 75 Ω Coaxial Cable

<u>Component</u>	<u>Material Breakdown</u>	<u>Diameter</u>
Inner conductor	0.60mm plain annealed copper wire solid	0.60mm
Dielectric	Cellular polyethylene	2.80mm
Screen 1	Aluminium bonded laminate foil	
Screen 2	0.12mm tinned annealed copper wire braid (Nominal coverage 95%)	3.40mm
Jacket	Low smoke zero halogen	4.50mm

Weight 29kg / km

Electrical Parameters

Impedance 75 Ω

Capacitance 56 pF / m

Attenuation		@	
1.21dB / 100m		@	1 MHz
2.50dB / 100m		@	4 MHz
4.94dB / 100m		@	17 MHz
9.14dB / 100m		@	69 MHz
9.64dB / 100m		@	78 MHz
10.26dB / 100m		@	90 MHz
10.75dB / 100m		@	100 MHz
12.87dB / 100m		@	150 MHz

Compiled M.Wilson

Date 06/01/2000