

REF NO. 610073

DATE: 01.11.01

DESCRIPTION : 75 OHM COAXIAL CABLE

CONFORMS TO: CX125

MECHANICAL DATA

- 1.1. Inner Conductor: 1.25mm Plain Copper Wire.
- 1.2. Insulation: Foamed Polyethylene. Diameter = 5.50mm Nominal.
- 1.3. Screen(s): 1- Plain Copper/Polyester Tape. 100% Coverage.
2 - Braid of 0.15mm Plain Copper Wires, 60% coverage.
- 1.4. Construction: Foamed Polyethylene wrapped with Copper/Polyester Tape and Plain Copper Braid.
Jacketed with PVC.
- 1.5. Jacket: PVC.
- 1.6. Overall Diameter: 8.0 ± 0.40 mm Nominal
- 1.7. Weight: 65 kg /km Nominal
- 1.8. Marking: As required by Customer.
- 1.9. Other details: Temperature range : $-20^{\circ}\text{C} \rightarrow +80^{\circ}\text{C}$
- 1.10 Drawing Reference:

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ELECTRICAL DATA

2.1 Impedance: 75 ± 3 Ohms.

2.2. Capacitance(s): 54pF/m Nominal.

2.3.1.: Inner Conductor(s): 18 Ohms/km Max.

2.3.2.: Outer Conductor(s): 19 Ohms/km Max.
/screens

2.4. Attenuation:	f (MHz)	db/100m (Max)
	5	1.5
	50	3.5
	100	5.0
	200	7.5
	460	11.5
	860	15.5
	1000	17.0
	1750	22.0
	2150	26.0

2.5. Return Loss:	5 – 30Mhz	>23dB
	30 – 470Mhz	>23dB
	470 – 862Mhz	>20dB
	862 – 2150Mhz	>18dB

2.6. Velocity of Propagation: 80% Nominal