



## Key Features

- CAI Approved Eca CPR Class cable
- Available in Black or White
- Choice of reel size
- LSZH cable Sheath
- Packaging 100% Recyclable
- Connectors also available

## Overview

Our MF100 is a 75ohm coaxial cable with 1.0mm Dia copper inner conductor, foam PE insulation, aluminium foil wrap, tinned copper braid and LSZH outer sheath both meeting Eca Standards.

## Product Specifications

Feature	Values
Inner conductor diameter	1.00 +/- 0.02mm
Inner conductor material	Copper
Outer conductor diameter	16 x 5 x 0.12mm
Outer conductor material	Al Foil & Tinned Copper Braid, coverage 55%
Outer sheath material	LSZH
Outer sheath colour	Black
Reaction-to-fire class according to EN 13501-6	Eca
Characteristic impedance	75 Ohm

## Cable characteristics

Features	Values
Impedance $\Omega$	75 +/- 3
Velocity %	84.5
Capacitance pF/m	51
DC Resistance $\Omega$ /km	Inner 21.96, Outer 13.91
Insulation type	Foam PE

Insulation diameter	4.60mm
Outer sheath diameter	6.55 +/- 0.25mm

## Performance parameters

Frequency (MHz)	Attenuation Max (dB/100m)
55	4.45
100	6.04
211	8.88
400	12.43
870	18.8
1000	20.27
1750	27.51
2150	30.84

## Partcodes

Partcodes	Description
AR-01-004	aura Coax Cable MF100 LSZH Eca 75Ohm Outer Dia 6.6mm CAI Approved Per Metre Black
AR-01-104	aura Coax Cable MF100 LSZH Eca 75Ohm Outer Dia 6.6mm CAI Approved 100m Black
AR-01-204	aura Coax Cable MF100 LSZH Eca 75Ohm Outer Dia 6.6mm CAI Approved 250m Black

AR-01-204W	aura Coax Cable MF100 LSZH Eca 75Ohm Outer Dia 6.6mm CAI Approved 250m White
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