



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 Ω	75 +/- 3
Velocity %	84.5
Capacitance pF/m	51
DC Resistance Ω /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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