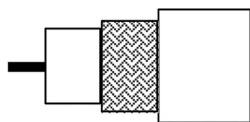


**Product:** [URM70](#) 



URM70 - Uni-Radio Coax, 75 Ohm, M70 Type, 24 AWG Stranded BC, 91% BC Braid, PVC Jkt

## Product Description

Uni-Radio Coax, 75 Ohm, M70 Type, 24 AWG Stranded Bare Copper Conductor, PE Insulation, 91% Bare Copper Braid Shield, PVC Jacket

## Technical Specifications

### Product Overview

Suitable Applications:	Standard analog video
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### Construction Details

Series Type:	UR Series
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#### Conductor

No. of Elements	Size	Stranding	Nom. Diameter	Material
1	24 AWG	Stranded	0.6 mm	TC - Tinned Copper

#### Insulation

Element	Material	Nom. Insulation Diameter
Insulated Conductor	PE - Polyethylene	3.25 mm (0.128 in)

#### Outer Shield

Outer Shield Type	Material	Coverage
Braid	Bare Copper (BC)	91%

#### Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	5.8 mm

Outer Jacket1 Table Notes:	According to EN 50290-2-20
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### Electrical Characteristics

Regularity of Impedance:	Min. 40 dB
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#### Return Loss

Frequency	Min. Return Loss
5 - 30 MHz	20 dB
30 - 470 MHz	20 dB
470 - 1000 MHz	18 dB

Return Loss Table Notes:	In each frequency band, 3 peak values up to 4 dB lower are allowed
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#### Attenuation

Frequency	Nom. Attenuation
100 MHz	15.2 dB/100m
200 MHz	21.8 dB/100m
600 MHz	39.1 dB/100m
1000 MHz	51.7 dB/100m

#### Electricals

Max. Conductor DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
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92 Ohm/km (28 Ohm/1000ft)	67 pF/m (20 pF/ft)	75 Ohm	66%
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## Voltage

Voltage Rating
3600 V DC / 1800 V RMS

## Mechanical Characteristics

### Temperature

Operating	Installation	Storage
-40°C To +70°C	-5°C To +50°C	-40°C To +70°C

### Bend Radius

Stationary Min.
30 mm (1.2 in)

## Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Eca
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
CENELEC Compliance:	EN 50289
European Directive Compliance:	EU CE Mark
UK Regulation Compliance:	UKCA Mark

## History

Update and Revision:	Revision Number: 0.205 Revision Date: 09-07-2025
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	EAN
URM70.10100	Black	Reel	100 m	8719605110992
URM70.00500	Black	Reel	500 m	8719605110985

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