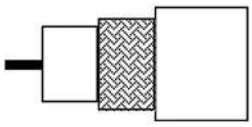
Product: URM70



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

Construction Details

Series Type:	UR Series

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

Table Notes:	According to EN 50290-2-20

Electrical Characteristics

Regularity of Impedance:	Min. 40 dB

Return Loss (RL)

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

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

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.
92 Ohm/km (28 Ohm/1000ft)	67 pF/m (20 pF/ft)	75 Ohm	66%

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: 0.202 Revision Date: 12-16-2022

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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