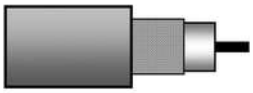
Part Number: URM67

COAX URM67 PVC



Product Description

COAX [7x0.75/7.25] URM67 PVC

Technical Specifications

Product Overview

Environmental Space:	Indoor - Euroclass Eca
Suitable Applications:	Coaxial communication cable based on BS2316

Physical Characteristics (Overall)

Conductor

Stranding	Material	Nominal Diameter	No. of Coax
Stranded	BC - Bare Copper	2.25 mm	1

Conductor Count:	1
Conductor Size:	15 AWG

Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Dielectric	Solid Polyethylene	7.25 mm	0.15 mm

Outer Shield Material

Type	Material	Coverage [%]	Nominal Diameter	Diameter +/- Tolerance	Coverage +/- Tolerance
Braid	BC - Bare Copper	92 %	8 mm	0.2 mm	5 %

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
PVC - Polyvinyl Chloride	10.3 mm	0.25 mm

OuterJacket1, Table Note:	According the European Standard HD 624

Electrical Characteristics

Conductor DCR

Inner Conductor DCR	Max. Conductor DCR
6 Ohm/km	6 Ohm/km

Capacitance

Nom. Capacitance	Capacitance Tolerance
98 pF/m	5 pF/m

Impedance

Nominal Characteristic Impedance	Nominal Characteristic Tolerance	Regularity of Impedance
50 Ohm	2 Ohm	Min. 40 dB

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss

100 MHz	6.8 dB/100m
200 MHz	9.9 dB/100m
600 MHz	18.6 dB/100m
1000 MHz	25.2 dB/100m

Delay

Nominal Velocity of Propagation (VP) [%]
66 %

Voltage

Voltage Rating [V]
10000 DC / 6500 V RMS

Temperature Range

Installation Temp Range:	-5°C To +50°C
Storage Temp Range:	-30°C To +70°C
Operating Temp Range:	-30°C To +70°C

Mechanical Characteristics

Min Bend Radius (W/o Pulling Strength):	50 mm

Standards

CPR Euroclass:	Eca
Series Type:	UR Series

Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	1998-01-01

Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2

Part Number

Variants

Item #	Color	Length
URM67.0050	Black	50 m
URM67.00500	Black	500 m

History

Revision Number:	1

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