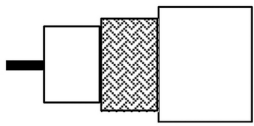


**Part Number: URM202**



**COAX URM202 PVC**

**Product Description**

COAX [0.8/3.25] URM202 STRANDED PVC

**Technical Specifications**

**Product Overview**

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

**Physical Characteristics (Overall)**

**Conductor**

Stranding	Material	Construction n x D	Nominal Diameter	No. of Coax
Stranded	BC - Bare Copper	7x0.25 mm	0.75 mm	1

Conductor Count:	1
Conductor Size:	22 AWG

**Insulation**

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Dielectric	FPE - Foamed Polyethylene	3.25 mm	0.15 mm

**Outer Shield Material**

Type	Material	Coverage [%]	Nominal Diameter	Coverage +/- Tolerance
Braid	BC - Bare Copper	57 %	3.85 mm	4 %

**Outer Jacket Material**

Material	Nominal Diameter	Diameter +/- Tolerance
PVC - Polyvinyl Chloride	5.1 mm	0.25 mm

OuterJacket1, Table Note:	According to European Standard HD 624
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**Construction and Dimensions**

Min Elongation at Breakof Jacket:	150 %
Min Tensile Strength of Jacket:	12.5 MPa

**Electrical Characteristics**

**Conductor DCR**

Max. Conductor DCR
54 Ohm/km

**Capacitance**

Nom. Capacitance	Capacitance Tolerance
55 pF/m	2 pF/m

**Impedance**

Nominal Characteristic Impedance	Nominal Characteristic Tolerance	Regularity of Impedance
75 Ohm	3 Ohm	Min. 40 dB

## High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
100 MHz	11 dB/100m
200 MHz	16 dB/100m
500 MHz	27 dB/100m
900 MHz	40 dB/100m

## Delay

Nominal Velocity of Propagation (VP) [%]
81 %

## High Freq

Frequency [MHz]	Min. RL (Return Loss) [dB]
5 - 30 MHz	20 dB
30 - 470 MHz	20 dB
470 - 1000 MHz	18 dB

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

## Voltage

Voltage Rating [V]
2400 DC / 1200 V RMS

## Temperature Range

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

## Mechanical Characteristics

Min Bend Radius (W/o Pulling Strength):	26 mm
Crush Resistance:	Max. 1% (load of 700N) N

## Standards

CPR Euroclass:	Eca
CENELEC Compliance:	EN 50289
Series Type:	UR Series
Other Specification:	BS2316

## Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-31
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## Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2
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## Part Number

## Variants

Item #	Color	Length
URM202.10200	Black	200 m
URM202.11200	Gray	200 m
URM202.12200	White	200 m

## History

Revision Number:	1
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