

# URM76 Coaxial Cable



## Mechanical Characteristics

Construction:	Inner Conductor:	7/0.32mm Plain Copper
	Dielectric:	Solid Polyethylene Insulation
	Screen:	Copper Braid coverage >84%
	Sheath:	PVC
Conductor Diameter:		0.96mm
Insulation Diameter:		2.95mm (Natural)
Sheath Diameter:		5.00mm (Nominal)
Storage/Operating Temperature:		-15°C to +105°C
Minimum Installation Temperature:		-5°C
Max. Voltage for R.F. Operation:		2.6kV Peak
Max. Voltage for Pulse Operation:		5.2kV Peak
Max. Voltage D.C. Operation:		21kV

\*Cable image and colours are for illustration purposes only and may vary.

## Application

URM coaxial cables are suitable for many applications, including low power video, video signal, and broadband signals. They are used in high-frequency transmission, especially for transmitters and receivers, computers, radio and TV transmissions.

## Description

Plain copper wire with a solid PE insulation, copper braid and a PVC sheath. LSF and LSZH variants are available.

## Specifications

CPR Class: Class F

## Electrical Characteristics

DC Resistance Inner Conductor:		$\leq 31.80 \Omega/\text{km}$ @ 20°C
Characteristic Impedance:		$50 \pm 30\Omega$
Capacitance:		98 pF/m (nominal)
Velocity Ratio:		0.67
Attenuation (d/B 100m @ 20°C)		
	100MHz	< 15.50
	200MHz	< 27.40
	600MHz	< 39.80
	1000MHz	< 52.70