



URM70 75 Ohm Stranded PVC Black

Key Features

- High Frequency Low Loss
- Al-Foil Shield

Coaxial and Specialist Cable

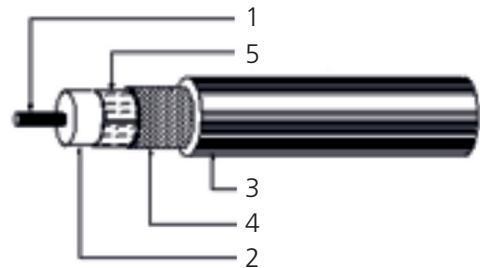
Part No: See Below

General Description:

URM70 coax cable is a 75 Ohm cable typically used for low powered/baseband video, RF signal and broadcast transmissions.

Relevant Test Standards:

UL1655, UL1581 and UL444



Part Numbers

TRI-001052 URM70 75 Ohm Stranded PVC Black - 100m

Cable Construction:

Material Breakdown:

Conductor	Material	Stranded Bare Copper
	Nom. O.D. (mm)	7* 0.19 up +0.001 down -0.008
Insulation	Material:	SPE
	Diameter:	3.20 +0.18mm
	Colour:	Transparent
Jacket	External O.D.	5.80mm(+/-0.20mm)
	Surface	Clean / Smooth
	Material	
	Colour	PVC (complies RoHS)
Shield	Material	
	Colour	
Braiding	Material	Bare Copper Braid Shield
	Nom O.D.(mm)	0.12(+/-3%)
	Coverage	80%(+/-3%)


Electrical Characteristics:

Conductor Resistance	20°C, Conductor DC Resistance	< 12.04 Ω/100M
Insulation DC Resistance	20°C, Insulation DC Resistance	>200Ω.M
Testing Voltage		300v
		53 (+/-5)(pF/m)
Before Aging Tensile Strength (Mpa)		>12.5
Elongation (%)		>150
Aging Period (°C x hrs.)		80°C x 24h x 7d
After Aging Tensile Strength (Mpa)		>10
Elongation (%)		>125
Cold Bend (-20+/-2°C x 4h)		No Visible Cracks

Electrical Characteristics (20°C):

Max. Conductor DC Resistance @ 20°C (Ω/100M)	10.43
Min. Insulation DC Resistance @ 20°C (MΩ*M)	200
Velocity Ratio (%)	66.6 (+/-3%)
Rated Temperature (°C)	-20°C +60°C
Rated Voltage (V)	300
Impedance (Ω) at 200MHz	75 (+/-3%)
Capacitance (pF/m)	67 (+/-)

Attenuation at (20°C):

100	13.8
300	25.0
500	33.0