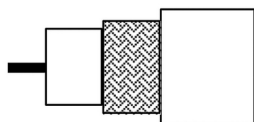


Product: [URM70NH](#) 



URM70NH - Uni-Radio Coax, 75 Ohm, M70 Type, 24 AWG Stranded BC, 91% BC Braid, LSZH Jkt

Product Description

Uni-Radio Coax, 75 Ohm, M70 Type, 24 AWG Stranded Bare Copper Conductor, PE Insulation, 91% Bare Copper Braid Shield, LSZH 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 |
|---|---------------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 5.8 mm |

| | |
|----------------------------|----------------------------|
| Outer Jacket1 Table Notes: | According to EN 50290-2-20 |
|----------------------------|----------------------------|

Electrical Characteristics

| | |
|--------------------------|------------|
| Regularity of Impedance: | Min. 40 dB |
|--------------------------|------------|

Return Loss

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

| | |
|--------------------------|--|
| Return Loss 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 |
|----------------|---------------|----------------|
| -15°C To +70°C | -5°C To +50°C | -15°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 Halogen Free Standards: | IEC 62821-1 Halogen Free Compliance = Yes, IEC 60754-1 - Halogen Amount = Zero, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 2.5 µS/mm, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3 |
| European Directive Compliance: | EU CE Mark |
| UK Regulation Compliance: | UKCA Mark |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.207 Revision Date: 09-07-2025 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | EAN |
|---------------|-------|------------|--------|---------------|
| URM70NH.10100 | Black | Reel | 100 m | 8719605111005 |

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