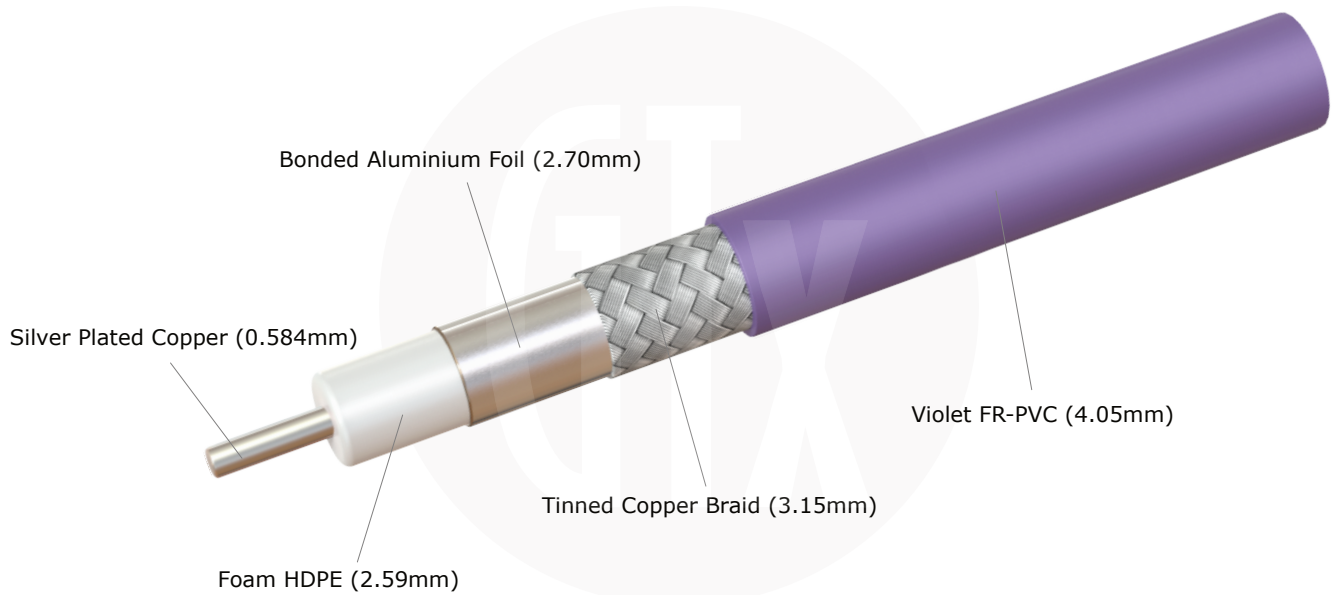


# UHD75-M59-7

## Mini RG59 4K Ultra High Definition, 0.6/2.6



### MATERIAL SPECIFICATION

|                 |                                |
|-----------------|--------------------------------|
| Inner Conductor | Silver Plated Copper (0.584mm) |
| Dielectric      | Foam HDPE (2.59mm)             |
| First Shield    | Bonded Aluminium Foil (2.70mm) |
| Second Shield   | Tinned Copper Braid (3.15mm)   |
| Jacket          | Violet FR-PVC (4.05mm)         |

### ELECTRICAL SPECIFICATION

|                         |              |
|-------------------------|--------------|
| Impedance               | 75 Ohms      |
| Max. Frequency          | DC to 12 GHz |
| Capacitance             | 53 pF/m      |
| Velocity of Propagation | 83%          |

# UHD75-M59-7

## Mini RG59 4K Ultra High Definition, 0.6/2.6

### MECHANICAL & ENVIRONMENTAL SPECIFICATION

|                          |                      |
|--------------------------|----------------------|
| Bending Radius (static)  | 14mm                 |
| Bending Radius (flexing) | 46mm                 |
| RoHS Compliant           | Yes                  |
| Temperature Range        | -20 to +75 degrees C |
| CPR Compliance           | Eca                  |

| FREQUENCY     | ATTENUATION (per 100m) |
|---------------|------------------------|
| 270.000 MHz   | 17.84 dB               |
| 540.000 MHz   | 25.72 dB               |
| 1000.000 MHz  | 35.40 dB               |
| 3000.000 MHz  | 62.30 dB               |
| 6000.000 MHz  | 90.80 dB               |
| 12000.000 MHz | 135.00 dB              |

### RECOMMENDED MAXIMUM TRANSMISSION LENGTH\*

- Single Link 3Gb/s (SMPTE ST425) maximum distance 97m
- Single Link 6Gb/s (SMPTE ST2081) maximum distance 64m
- Single Link 12Gb/s (SMPTE 2082, SMPTE 2083) maximum distance 44m

\*based on 40dB loss at 1/2 clock frequency