

# Mini coaxial Cable

## Construction Parameters:

|                 |                                    |
|-----------------|------------------------------------|
| Inner Conductor | 0.25mmCu                           |
| Dielectric      | 1.7mm Solid Polyethylene           |
| Shield          | 64×0.1mmTC(90%)                    |
| Jacket          | 3.1mm PVC                          |
| Application     | For Use in Longer CCTV Run Lengths |

## Electrical Characteristics:

|                            |                                      |
|----------------------------|--------------------------------------|
| Inner Conductor Resistance | The Max. at 20°C shall be < 350 Ω/km |
| Capacitance                | 68 ±3 pF/m                           |
| Impedance                  | 75 ± 5Ω                              |
| Return loss                | 20dB                                 |
| Velocity of Propagation    | 0.82                                 |
| Sparker Test (VAC)         | 3                                    |



## Mechanical and Environmental Properties

|                      |                             |
|----------------------|-----------------------------|
| Cable bend radius    | 10 times the cable diameter |
| Operating Temp Range | -20 °C to 60 °C             |
| Cable dimensions     | 3.1mm                       |

## Attenuation(20°C):

| Frequency (MHZ) | Max Attenuation(dB/100ft) | Max Attenuation (dB/100m) |
|-----------------|---------------------------|---------------------------|
| 5               |                           | 5.21                      |
| 50              |                           | 16.45                     |
| 100             |                           | 23.23                     |
| 300             |                           | 40.22                     |
| 450             |                           | 49.26                     |
| 865             |                           | 68.28                     |
| 1000            |                           | 73.42                     |

## Order Informations:

|         |  |
|---------|--|
| Marking | KIONIX KT190058 Mini Coaxial Cable CEI 20/22 III (IEC 60331-3) - CEI UNI 36762 C-4(UO=400V) 001M -- 100M |
| Package | 100m/Rolls, 12Rolls/Carton   |

