



## Product Description:

Application : For communication and signal control systems  
Multi-construction : 1

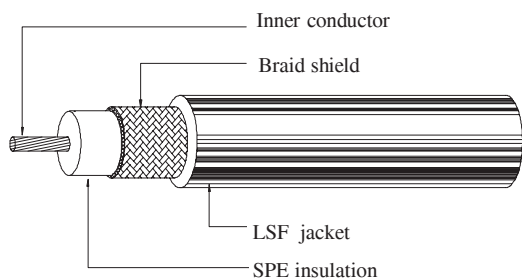
## Construction:

Single : Bare Copper  
**Construction** :  $0.3 \pm 0.008 \times 7$ mm  
Stranded Dia. : 0.92mm  
**Insulation** : Solid PE  
Thickness : 1.01mm  
Insulation Dia.( $\pm 0.15$ mm) : 2.95mm  
Insulation Colour : Natural  
**Braiding** : Bare Copper  
Construction (stranded) (mm) :  $0.12 \pm 0.008 \times 16 \times 6$   
Braiding coverage : 85%  
**Jacket** : LSZH  
Thickness : 0.75mm  
Dia. : 5mm ( $\pm 0.2$ mm)  
Jacket Colour : Black  
**Marking** : RG Wire & Cable Limited URM 76 50 $\Omega$  LSF [MM] {WkYr}  
**Packaging** : 100m Reel

## Electrical Characteristics:

DC Resistance inner core .at 20°C ( $\Omega$ /Km) : <38.3  
Min.Insulation DC Resistance at 20°C ( $M\Omega \cdot KM$ ) : 500  
Rated Temperature : 80°C  
Rated Voltage : 2kV rms  
Capacitance(pF/m) :  $100 \pm 5$   
Velocity ratio : 66.7%  
Impedance : 50 $\Omega \pm 3$   
Attenuation at 20°C (- dB/100m) (+/-10%)  
5 MHz : 5.9  
50 MHz : 10.3  
100 MHz : 14.8  
230 MHz : 23  
300 MHz : 27  
470 MHz : 34.2  
800 MHz : 47  
860 MHz : 49  
1,000 MHz : 53

## Design:



## Part Number Table

Description	Part Number
Cable, Coaxial, 100m, Black, URM76, LSZH	3232

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