



**RoHS  
Compliant**

## Product Description:

	PP000616	PP000617	PP000618	PP000619
Application	For communication and signal control systems			
Multi-construction	1			
Coaxial Cable Type	URM76	URM203	URM76	URM70

## Construction:

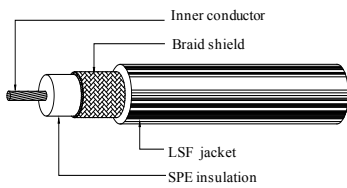
Single	Bare Copper			
<b>Construction</b>	0.3 ±0.008 × 7	1.12 ±0.02	0.3 ±0.008 × 7	0.19 ±0.008 × 7
Stranded Dia.(mm)	0.92	1.12	0.92	0.58
<b>Insulation</b>	Solid PE	Gas injection Foam PE	Solid PE	Solid PE
Thickness	1.01	2.01	1.01	1.25
Insulation Dia.	2.95 ±0.15mm	5.15 ±0.2mm	2.95 ±0.15mm	3.2 ±0.15mm
Insulation Colour	Natural			
<b>Braiding</b>	Bare Copper			
Construction (stranded)	0.12 ±0.008 × 16 × 6	0.12 ±0.008 × 16 × 6	0.12 ±0.008 × 16 × 6	0.12 ±0.008 × 16 × 6
Braiding coverage	85%	65%	85%	81%
<b>Jacket</b>	LSZH	PVC	PVC	PVC
Thickness (mm)	0.75	0.9	0.75	0.85
Dia.(±0.2mm)	5	7.3	5	5.8
Jacket Colour	Black			
<b>Packaging</b>	100m Reel	100m Drum	100m Reel	100m Cardboard Reel

## Electrical Characteristics:

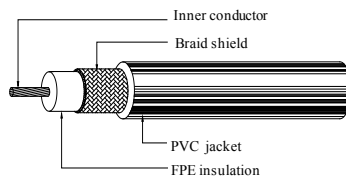
Description	Part Number			
	PP000616	PP000617	PP000618	PP000619
DC Resistance inner core .at 20°C (Ω/km)	<38.3	<19.2	<38.3	<95.5
Min. Insulation DC Resistance at 20°C (MΩ×km)	500	500	500	>500
Operating Temperature Range	-40°C to +70°C			
Rated Voltage(V)	2kV <sub>RMS</sub>	2.4kV <sub>RMS</sub>	4kV <sub>RMS</sub>	1.8kV <sub>RMS</sub>
Capacitance(pF/m)	100 ±5	52±4	100 ±5	<70
Velocity ratio (%)	66.7	82	66.7	66.7%
Impedance(Ω)	50 ±3	75 ±3	50 ±3	75 ±3

Description	Part Number			
	PP000616	PP000617	PP000618	PP000619
Attenuation at 20°C (-dB/100m) (±10%)				
5 MHz	5.9	-	5.9	-
50 MHz	10.3	-	10.3	-
100 MHz	14.8	-	14.8	15
230 MHz	23	-	23	-
300 MHz	27	-	27	-
470 MHz	34.2	-	34.2	-
800 MHz	47	-	47	-
860 MHz	49	-	49	-
1,000 MHz	53	-	53	52

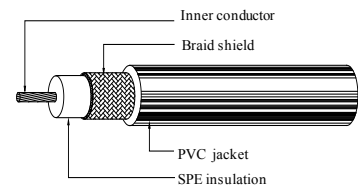
## Design:



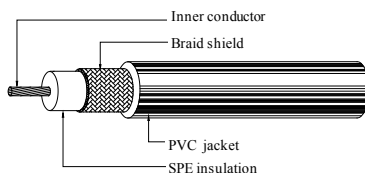
**PP000616**



**PP000617**



**PP000618**



**PP000619**

## Part Number Table

Description	Part Number
Cable, Coaxial, 100m, Black, URM76, LSZH	PP000616
Cable, Coaxial, 100m, Black, URM203	PP000617
Cable, Coaxial, 100m, Black, URM76, PVC	PP000618
Cable, Coaxial, 100m, Black, URM70	PP000619

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