

RoHS  
Compliant



## Product Description:

Application	For communication and signal control systems
Reference Standard	Customer's sample spec.and the general standard
Multi-construction	Multi-core coaxial

## Cable Construction:

6 coaxial video cable spec	
<b>Conductor 1</b>	Tinned Copper
Construction	T0.10 ±0.005 × 7
Standard Dia. (mm)	0.3
<b>Insulation 1</b>	Solid PE
Thickness (mm)	0.75
Insulation Dia. (mm)	1.8 ±0.1
Insulation Colour	Natural
<b>Braiding 1</b>	Bare Copper
Construction (mm)	0.12 ±0.003 × 16 × 4
Coverage	80%
<b>Inner jacket 1</b>	PVC
Thickness(mm)	0.3
Dia.(±0.15mm)	2.8
Jacket Colour	Grey; Black; Red; Green; Blue; White
4 Core Audio cable spec	
<b>Conductor 2</b>	Tinned Copper
Construction	T0.10 ±0.005 × 7
Standard Dia. (mm)	0.3
<b>Insulation 2</b>	Solid PE
Thickness (mm)	0.37
Insulation Dia. (mm)	1.05 ±0.1 × 4C
Insulation Colour	Orange; White; Transparent; Grey

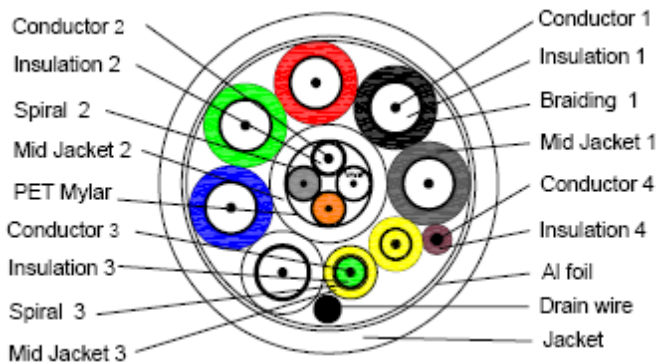
## Product Description:

<b>Screening 2</b>	Bare Copper Spiral
Construction (mm)	0.12 ±0.005 × 32
Mylar tape Spiral	Coverage ≥115%
Inner jacket 2	PVC
Thickness (mm)	0.6
Dia.(±0.15mm)	4.2
Jacket Colour	Ivory
<b>2 Data Bus coaxial cable spec</b>	
<b>Conductor 3</b>	Tinned Copper
Construction	T0.10 ±0.005 × 7
Standard Dia. (mm)	0.3
Insulation 3	Solid PE
Thickness (mm)	0.37
Insulation Dia. (mm)	1.05 ±0.1
Insulation Colour	Yellow; Green
<b>Screening 3</b>	Bare Copper Spiral
Construction (mm)	0.12 ±0.005 × 32
<b>Inner jacket 3</b>	PVC
Thickness (mm)	0.4
Dia.(±0.15mm)	2.1 × 2
Jacket Colour	Yellow
<b>Hook Up spec</b>	
<b>Conductor 4</b>	Bare Copper
Construction	0.10 ±0.005 × 18
Standard Dia. (mm)	0.49
<b>Insulation 4</b>	PVC
Thickness (mm)	0.28
Insulation Dia. (mm)	1.05 ±0.05
Insulation Colour:	Brown

## Electrical Characteristics:

Max. DC Resistance at 20°C(Ω/Km)	
Conductor	330
Screen	26
Insulation DC Resistance at 20°C(MΩ*KM)	>500
Rated Temperature(°C)	-20 to +70
Rated Voltage(V)	30
Capacitance(pF/m)	68 ±5pF/m
Velocity of propagation	66% min
Characteristic impedance	75 ±5Ω
Attenuation at 20°C (dB/100m) (+/-10%)	
50MHz	19.6
100MHz	22.8

## Design:



## Part Number Table

Description	Part Number
Multicore, 10 Core, 25m, 30V, Grey	PP000655

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