

**Part No:** 392125D  
**Description:** The TV range of cable television and video cables is used primarily to carry TV, Satellite and CCTV signals. Suitable for External Application and Ducts.



### Construction

Conductor Material : Bare Copper  
 Stranding : 1/1.25mm  
 Dielectric : Foamed Polyethylene (FPE)  
 Diameter of Dielectric : 5.5mm (+/- 0.1mm)  
 1<sup>st</sup> Screen Material : Copper Foil, 100% Coverage  
 2<sup>nd</sup> Screen Material : Bare Copper Wire Braid, >55% Coverage  
 Inner Sheath Material : Polyvinyl Chloride (PVC), Black  
 Outer Sheath Material : Low Density Polyethylene (LDPE), Black

### Electrical Characteristics

Impedance : 75 ± 1Ω  
 Capacitance : 53 pF /m  
 Velocity of Propagation : 80 %  
 Conductor Resistance : < 15 Ω/km  
 Outer Conductor Resistance : < 13 Ω/km

### Attenuation

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
5	1.5	860	15.5
50	3.5	1000	17.0
100	5.0	1750	22.0
200	7.5	2150	26.0
460	11.5		

### Return Loss

Frequency (MHz)	dB
30 – 470	≥ 23
470 – 862	≥ 20
862 - 2150	≥ 18

### Physical Characteristics

Overall Diameter : 10.6 ± 0.2mm  
 Min. Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : 90 kg/km

### Standards

RoHS2 Compliant : Yes