

Part No: 392167H
Description: TV167 75 Ohm Low Smoke Halogen Free (LSHF) Black Coaxial Cable



Construction

Conductor Material : Solid Bare Copper
 Conductor Size : 1/1.67 mm
 Dielectric : Foam Polyethylene (FPE)
 Diameter of Dielectric : 7.25 mm
 1st Screen Material : Plain Copper Foil
 2nd Screen Material : Bare Copper Wire Braid (>55% Coverage)
 Outer Sheath Material : Low Smoke Halogen free (LSHF)
 Outer Sheath Colour : Black

Electrical Characteristics

Impedance : 75 Ω ± 3
 Capacitance : 53 pF /m ± 3
 Velocity of Propagation : 81 %
 Conductor Resistance @ 20°C : ≤ 10.5 Ω /km
 Screen Resistance @ 20°C : ≤ 10 Ω /km

Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100m)
5	< 1.0
50	< 3.0
100	< 4.0
200	< 6.0
460	< 9.0

Return Loss @ 20°C

Frequency (MHz)	Return Loss (dB)
5-470	≥ 23
470-862	≥ 20
862-2150	≥ 18
2150-3000	≥ 18

Physical Characteristics

Overall Diameter : 10.1 mm ± 0.2mm
 Bending Radius : 20 x OD
 Temperature Rating : Fixed -15°C to +70°C Flexing -10°C to 70°C
 Weight : 115 kg/km

Standards

Flame Retardant : BS EN 60332-1-2
 RoHS3 Compliant : Yes
 UV Resistance : ISO 4892-3
 CE Compliant : LVD (2014/35/EU)