

Part No: 390PS13H
Description: PSF 1/3 75 Ohm Coaxial Cable Solid Polyethylene Insulation, Double Bare Copper Braid Low Smoke Halogen Free (LSHF) Cream Sheath



Construction

Conductor Material : Bare Plated Copper
 Conductor Size : 1/0.61 mm
 Dielectric : Solid Polyethylene (SPE)
 Diameter of Dielectric : 3.70 mm
 1st Screen Material : Bare Copper Wire Braid (≥91% Coverage)
 2nd Screen Material : Bare Copper Wire Braid (≥91% Coverage)
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)
 Outer Sheath Colour : Cream

Electrical Characteristics

Impedance : 75 Ω ± 3
 Capacitance : 69 pF /m ± 5
 Velocity of Propagation : 66 % ± 3
 Min Insulation Resistance @20°C : > 1000 MΩ*KM
 Max. Conductor Resistance : ≤ 63.7 Ω /km
 Voltage Rating : 30V

Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
1	1.0	360	21.0
10	3.5	540	26.0
135	13.0	750	32.0
270	17.0	1000	37.0

Physical Characteristics

Overall Diameter : 6.4 mm (±0.20mm)
 Min. Bend Radius : 10 x OD
 Temperature Rating : -20°C to +70°C
 Weight : kg/km

Standards

Flame Retardant : BS EN 60332-1-2
 Low Smoke Generation : BS EN 61034-2
 Halogen Gas Emission : BS EN 60754-1&2
 RoHS3 Compliant : Yes
 CE Compliant : LVD (2014/35/EU)