

Part Number: 460057F-BLK

Description: Cabnex 174 50ohm Coax PVC Black



Product Construction

Conductor Material	:	Copper Clad Steel
Conductor Stranding	:	Stranded, 7/0.16mm
Dielectric Material	:	Solid Polyethylene (SPE)
Dielectric Diameter	:	1.52mm ± 0.08
Screening 1	:	Tinned Copper Clad Aluminium Wire Braid
Screening 1 Coverage	:	> 85% ± 3
Sheath Material	:	Polyvinyl Chloride (PVC)
Sheath Colour	:	Black

Mechanical Characteristics

Overall Diameter	:	2.8mm ± 0.20mm
Temperature Range	Fixed	: -20°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	11 kg/km

Electrical Characteristics

Inner Conductor DC Resistance	:	≤ 318.0 Ω/km @ 20°C
Outer Conductor DC Resistance	:	≤ 60.0 Ω/ km @ 20°C
Impedance	:	50 Ω ± 2
Nominal Capacitance	:	105 pF/m
Velocity of Propagation	:	66%
Maximum Operating Voltage	:	500V RMS
Peak Power	:	0.6 kW

Attenuation @20°C

Frequency (MHz)	Attenuation (per 100m)
50	≤ 21.0 dB
100	≤ 29.0 dB
400	≤ 59.0 dB
1000	≤ 93.0 dB

Certifications & Standards

RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
UKCA CPR Classification	:	Fca to BS EN 50575:2014+A1:2016



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