

Part Number: 460067F-BLK

Description: Cabnex 43 50ohm Coax PVC Black



Product Construction

Conductor Material	:	Bare Copper
Conductor Stranding	:	Solid, 1/0.90mm
Dielectric Material	:	Solid Polyethylene (SPE)
Dielectric Diameter	:	2.95mm \pm 0.10
Screening 1	:	Copper Clad Aluminium Wire Braid
Screening 1 Coverage	:	> 80% \pm 3
Sheath Material	:	Polyvinyl Chloride (PVC)
Sheath Colour	:	Black



Mechanical Characteristics

Overall Diameter	:	4.95mm \pm 0.20mm
Temperature Range	Fixed	-10°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	31 kg/km

Electrical Characteristics

Inner Conductor DC Resistance	:	\leq 28.0 Ω /km @ 20°C
Outer Conductor DC Resistance	:	\leq 46.0 Ω / km @ 20°C
Impedance	:	50 Ω \pm 2
Nominal Capacitance	:	101 pF/m
Insulation Resistance	:	> 10000 M Ω *km
VSWR DC-1GHz	:	> 1.30

Attenuation @20°C

Frequency (MHz)	Attenuation (per 100m)	Frequency (MHz)	Attenuation (per 100m)
1	\leq 1.6 dB	400	\leq 32.5 dB
10	\leq 5.0 dB	700	\leq 45.0 dB
50	\leq 11.0 dB	900	\leq 50.5 dB
100	\leq 16.0 dB	1000	\leq 55.0 dB
200	\leq 22.5 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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