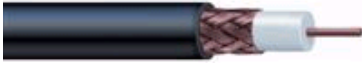


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8836313/10 | 5553 BKBX RG59 95 1000

RG 59 Type 95% Braid Non-Plenum Security Coaxial Cable, black jacket, 1000 ft (305 m) box

Construction Materials

Construction Type	Non-armored
Center Conductor Material	Bare copper
Dielectric Material	Foam PE
Jacket Material	PVC
Shield (Braid) Coverage	93 %
Shield (Braid) Gauge	36 AWG
Shield (Braid) Material	Bare copper

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	31.00 lb/kft
Diameter Over Dielectric	3.6576 mm 0.1440 in
Diameter Over Jacket	6.147 mm 0.242 in
Diameter Over Jacket Tolerance	±0.008 in
Diameter Over Shield (Tape)	4.267 mm 0.168 in
Jacket Thickness	0.940 mm 0.037 in
Jacket Thickness, minimum spot	0.762 mm 0.030 in



Electrical Specifications

Capacitance	54.8 pF/m 16.7 pF/ft
Characteristic Impedance	75 ohm
Characteristic Impedance Tolerance	±3 ohm
Conductor dc Resistance	10.50 ohms/kft
Dielectric Strength, conductor to shield	2000 Vdc
Jacket Spark Test Voltage	4000 Vac
Nominal Velocity of Propagation (NVP)	82 %
Shield dc Resistance	2.70 ohms/kft
Structural Return Loss	20 dB @ 10–300 MHz
Structural Return Loss Test Method	100% Swept Tested

Environmental Specifications

Environmental Space	Non-plenum
Flame Test Method	CM
Safety Standard	cETL ETL
UL Temperature Rating	60 °C 140 °F

General Specifications

Application	Security/CCTV
Cable Type	Series 59
Jacket Color	Black

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Product Number	5553
Center Conductor Gauge	20 AWG
Center Conductor Type	Solid
Packaging Type	CommPak® box

Mechanical Specifications

Minimum Bend Radius, loaded	20 times
Minimum Bend Radius, unloaded	10 times

Electrical Performance

Frequency	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
1 MHz	0.98	0.30
10 MHz	2.76	0.84
50 MHz	6.17	1.88
100 MHz	8.89	2.71
200 MHz	12.92	3.94
400 MHz	19.19	5.85
700 MHz	27.62	8.42
900 MHz	32.24	9.83
1000 MHz	33.46	10.20

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

