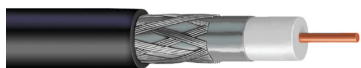


8202603/10 | 5730 BKRL RG6 60 1000



RG 6 Type 60% Braid Non-Plenum Satellite Coaxial Cable, black jacket, 1000 ft. (305 m) reel

OBSOLETE

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Coaxial satellite cable

General Specifications

Product Number	5730
Cable Type	Series 6
Center Conductor Type	Solid
Construction Type	Non-armored
Jacket Color	Black
Supported Application	Satellite

Dimensions

Cable Length	304.8 m 1000 ft
Diameter Over Center Conductor, specific	0.0403 in per 1 strand
Diameter Over Dielectric	4.572 mm 0.18 in
Diameter Over Jacket, nominal	6.909 mm 0.272 in
Diameter Over Jacket Tolerance	±0.008 in
Diameter Over Shield (Braid)	5.385 mm 0.212 in
Diameter Over Shield (Tape)	4.75 mm 0.187 in
Jacket Thickness	0.762 mm 0.03 in
Jacket Thickness, minimum spot	0.61 mm 0.024 in
Center Conductor Gauge	18 AWG
Shield (Braid) Gauge	34 AWG

Electrical Specifications

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Capacitance	52.493 pF/m 16 pF/ft
Characteristic Impedance	75 ohm
Characteristic Impedance Tolerance	±3 ohm
Conductor dc Resistance	93.832 ohms/km 28.6 ohms/kft
Dielectric Strength, conductor to shield	3000 Vdc
Jacket Spark Test Voltage	2500 Vac
Nominal Velocity of Propagation (NVP)	82 %
Shield dc Resistance	31.824 ohms/km 9.7 ohms/kft
Structural Return Loss	15 dB @ 1000–3000 MHz 20 dB @ 5–1000 MHz
Structural Return Loss Test Method	100% Swept Tested

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
5.0	2.032	0.619
50.0	4.62	1.41
55.0	4.825	1.47
100.0	6.3	1.92
200.0	8.66	2.64
400.0	12.23	3.73
700.0	16.56	5.05
900.0	18.99	5.79
1000.0	20.04	6.11
1200.0	22.07	6.73
1450.0	24.57	7.49
1800.0	27.65	8.43
2200.0	30.67	9.35
2500.0	32.7	9.97
3000.0	35.82	10.92

Material Specifications

Center Conductor Material	Copper-clad steel wire
Dielectric Material	Foam PE
Jacket Material	Fire retardant PVC
Shield (Braid) Coverage	60 %
Shield (Braid) Material	Aluminum

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Shield (Tape) Material Aluminum/Poly

Mechanical Specifications

Minimum Bend Radius, loaded, times 20 times

Minimum Bend Radius, unloaded, times 10 times

Environmental Specifications

Environmental Space Non-plenum

Temperature Rating, UL 75 °C | 167 °F

Flame Test Method CM

Safety Standard ETL | cETL

Packaging and Weights

Cable weight 40.18 kg/km | 27 lb/kft

Packaging Type Reel

Regulatory Compliance/Certifications

Agency

CHINA-ROHS

ISO 9001:2015

REACH-SVHC

ROHS

Classification

Below maximum concentration value

Designed, manufactured and/or distributed under this quality management system

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Compliant

