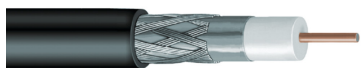


8205603/10 | 5916R BKRL RG11 60 1000



RG 11 Type 60% Braid Non-Plenum Satellite Coaxial Cable CMR, 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	5916R
Cable Type	Series 11
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	0.0641 in per 1 strand
Diameter Over Dielectric	7.112 mm 0.28 in
Diameter Over Dielectric Tolerance	±0.004 in
Diameter Over Jacket, nominal	10.033 mm 0.395 in
Diameter Over Jacket Tolerance	±0.006 in
Diameter Over Shield (Braid)	7.899 mm 0.311 in
Jacket Thickness	1.016 mm 0.04 in
Jacket Thickness, minimum spot	0.787 mm 0.031 in
Center Conductor Gauge	14 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	36.089 ohms/km 11 ohms/kft
Dielectric Strength, conductor to shield	4000 Vdc
Jacket Spark Test Voltage	5000 Vac
Nominal Velocity of Propagation (NVP)	82 %
Shield dc Resistance	22.638 ohms/km 6.9 ohms/kft
Structural Return Loss	15 dB @ 2200–3000 MHz 18 dB @ 1000–2200 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)
1.0	0.56	0.17
10.0	1.48	0.45
50.0	2.92	0.89
100.0	3.97	1.21
200.0	5.51	1.68
400.0	7.77	2.37
700.0	10.73	3.27
900.0	12.37	3.77
1000.0	12.96	3.95
1200.0	14.63	4.46
1450.0	16.66	5.08
1800.0	18.3	5.58
2200.0	20.63	6.29
2500.0	22.27	6.79
3000.0	24.86	7.58

Material Specifications

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

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Shield (Braid) Material	Aluminum
Shield (Tape) Material	Aluminum/Poly, bonded

Mechanical Specifications

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

Environmental Specifications

Operating Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Environmental Space	Non-plenum
Temperature Rating, UL	60 °C 140 °F
Flame Test Method	CMR
Safety Standard	ETL cETL

Packaging and Weights

Cable weight	84.825 kg/km 57 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

