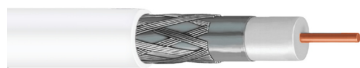


# 461090073/10 | 5730 WHRB RG6 60 1000



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

**OBSOLETE**

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Coaxial satellite cable
<b>Product Brand</b>	HomeConnect®

## General Specifications

<b>Product Number</b>	5730
<b>Cable Type</b>	Series 6
<b>Center Conductor Type</b>	Solid
<b>Construction Type</b>	Non-armored
<b>Jacket Color</b>	White
<b>Supported Application</b>	Satellite

## Dimensions

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

## Electrical Specifications

<b>Capacitance</b>	52.493 pF/m   16 pF/ft
<b>Characteristic Impedance</b>	75 ohm
<b>Characteristic Impedance Tolerance</b>	±3 ohm
<b>Conductor dc Resistance</b>	93.832 ohms/km   28.6 ohms/kft
<b>Dielectric Strength, conductor to shield</b>	3000 Vdc
<b>Jacket Spark Test Voltage</b>	2500 Vac
<b>Nominal Velocity of Propagation (NVP)</b>	82 %
<b>Shield dc Resistance</b>	31.824 ohms/km   9.7 ohms/kft
<b>Structural Return Loss</b>	15 dB @ 1000–3000 MHz   20 dB @ 5–1000 MHz
<b>Structural Return Loss Test Method</b>	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	16.56	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

<b>Center Conductor Material</b>	Copper-clad steel wire
<b>Dielectric Material</b>	Foam PE
<b>Jacket Material</b>	PVC

# 461090073/10 | 5730 WHRB RG6 60 1000

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<b>Shield (Braid) Coverage</b>	60 %
<b>Shield (Braid) Material</b>	Aluminum
<b>Shield (Tape) Material</b>	Aluminum/Poly

## Mechanical Specifications

<b>Minimum Bend Radius, loaded, times</b>	20 times
<b>Minimum Bend Radius, unloaded, times</b>	10 times

## Environmental Specifications

<b>Environmental Space</b>	Non-plenum
<b>Temperature Rating, UL</b>	75 °C   167 °F
<b>Flame Test Method</b>	CM
<b>Safety Standard</b>	ETL   cETL

## Packaging and Weights

<b>Cable weight</b>	40.18 kg/km   27 lb/kft
<b>Packaging Type</b>	Reel in box

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

