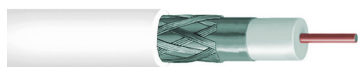


# 4138003/10 | 2275V WHRL RG6 60 1000



RG 6 Type 60% Braid Plenum Video Coaxial Cable, white jacket, 1000 ft (305 m) reel

## Product Classification

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

## General Specifications

<b>Product Number</b>	2275V
<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>	Video

## Dimensions

<b>Cable Length</b>	304.8 m   1000 ft
<b>Diameter Over Dielectric</b>	4.318 mm   0.17 in
<b>Diameter Over Jacket, nominal</b>	6.071 mm   0.239 in
<b>Diameter Over Jacket Tolerance</b>	±0.006 in
<b>Diameter Over Shield (Tape)</b>	4.521 mm   0.178 in
<b>Jacket Thickness</b>	0.381 mm   0.015 in
<b>Jacket Thickness, minimum spot</b>	0.254 mm   0.01 in
<b>Center Conductor Gauge</b>	18 AWG
<b>Shield (Braid) Gauge</b>	34 AWG

## Electrical Specifications

<b>Capacitance</b>	50.853 pF/m   15.5 pF/ft
<b>Characteristic Impedance</b>	75 ohm
<b>Characteristic Impedance Tolerance</b>	±3 ohm

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<b>Conductor dc Resistance</b>	93.832 ohms/km   28.6 ohms/kft
<b>Dielectric Strength, conductor to shield</b>	2000 Vdc
<b>Jacket Spark Test Voltage</b>	2500 Vac
<b>Nominal Velocity of Propagation (NVP)</b>	84 %
<b>Shield dc Resistance</b>	29.528 ohms/km   9 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)
1.0	1.25	0.38
10.0	2.3	0.7
50.0	4.85	1.48
100.0	6.59	2.01
200.0	9.38	2.86
400.0	13.87	4.23
700.0	19.55	5.96
900.0	22.83	6.96
1000.0	24.44	7.45
1200.0	27.06	8.25
1450.0	30.64	9.34
1800.0	35.06	10.69
2200.0	37.85	11.54
2500.0	38.38	11.7
3000.0	42.87	13.07

## Material Specifications

<b>Center Conductor Material</b>	Copper-clad steel wire
<b>Dielectric Material</b>	Foam FEP
<b>Jacket Material</b>	PVC
<b>Shield (Braid) Coverage</b>	60 %
<b>Shield (Braid) Material</b>	Aluminum
<b>Shield (Tape) Material</b>	Aluminum/Poly

## Mechanical Specifications

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

## Environmental Specifications

<b>Environmental Space</b>	Plenum
<b>Temperature Rating, UL</b>	60 °C   140 °F
<b>Flame Test Method</b>	CMP
<b>Safety Standard</b>	ETL   cETL

## Packaging and Weights

<b>Cable weight</b>	38.692 kg/km   26 lb/kft
<b>Packaging Type</b>	Reel

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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
UK-ROHS	Compliant

