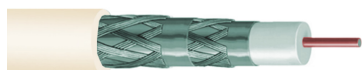


# 4103304/10 | 2287K WHRL RG11 QD 1000



RG 11 Type Quad Shield 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>	2287K
<b>Cable Type</b>	Series 11
<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 Center Conductor, specific</b>	0.0641 in per 1 strand
<b>Diameter Over Dielectric</b>	7.112 mm   0.28 in
<b>Diameter Over Inner Shield (Braid)</b>	7.925 mm   0.312 in
<b>Diameter Over Inner Shield (Tape)</b>	7.112 mm   0.28 in
<b>Diameter Over Jacket Tolerance</b>	±0.008 in
<b>Diameter Over Jacket, nominal</b>	9.449 mm   0.372 in
<b>Diameter Over Outer Shield (Braid)</b>	8.433 mm   0.332 in
<b>Jacket Thickness</b>	0.508 mm   0.02 in
<b>Jacket Thickness, minimum spot</b>	0.406 mm   0.016 in
<b>Center Conductor Gauge</b>	14 AWG
<b>Inner Shield (Braid) Gauge</b>	34 AWG
<b>Outer Shield (Braid) Gauge</b>	34 AWG

## Electrical Specifications

<b>Capacitance</b>	52.493 pF/m   16 pF/ft
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<b>Characteristic Impedance</b>	75 ohm
<b>Characteristic Impedance Tolerance</b>	±3 ohm
<b>Conductor dc Resistance</b>	36.089 ohms/km   11 ohms/kft
<b>Dielectric Strength, conductor to shield</b>	4000 Vdc
<b>Jacket Spark Test Voltage</b>	2500 Vac
<b>Nominal Velocity of Propagation (NVP)</b>	84 %
<b>Shield dc Resistance</b>	12.795 ohms/km   3.9 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 ft)
1.0	0.15
10.0	0.45
50.0	0.9
100.0	1.28
200.0	1.85
400.0	2.75
700.0	3.92
900.0	4.72
1000.0	5.04
1450.0	6.67
1800.0	7.71
2200.0	8.5
3000.0	9.88

## Material Specifications

<b>Center Conductor Material</b>	Copper-clad steel wire
<b>Dielectric Material</b>	Foam FEP
<b>Jacket Material</b>	PVDF
<b>Inner Shield (Braid) Coverage</b>	60 %
<b>Inner Shield (Braid) Material</b>	Aluminum
<b>Inner Shield (Tape) Material</b>	Aluminum/Poly
<b>Outer Shield (Braid) Coverage</b>	40 %

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<b>Outer Shield (Braid) Material</b>	Aluminum
<b>Outer Shield (Tape) Material</b>	Aluminum/Poly, non-bonded

## 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>	Plenum
<b>Temperature Rating, UL</b>	125 °C   257 °F
<b>Flame Test Method</b>	CMP
<b>Safety Standard</b>	ETL   cETL

## Packaging and Weights

<b>Cable weight</b>	93.754 kg/km   63 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

