

## FEATURES

- Impedance of 50 Ohms
- Length of 100m
- Strong black PVC jacket
- Diameter of 2.5mm
- Silver plated copper braiding

## RS PRO Brown Unterminated to Unterminated RG316/U Coaxial Cable, 50 $\Omega$ 2.5mm OD 100m

RS Stock No.: 665-5877



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

### Product Description

From the trusted brand RS PRO, comes a high quality RG316/U unterminated to unterminated coaxial cable. Constructed out of industry-standard components, this flexible cable has been designed so that the user can attach connection points on each end.

Coaxial type cables are designed to carry signals over long distances and are easy to install.

### General Specifications

<b>Coaxial Type</b>	RG316/U
<b>Connector A</b>	Unterminated
<b>Connector B</b>	Unterminated
<b>Terminated/Unterminated</b>	Unterminated
<b>Sheath Colour</b>	Brown
<b>Applications</b>	Installing SD CCTV, Communication and signal control systems

### Electrical Specifications

<b>Capacitance</b>	96.45pF/m
<b>Characteristic Impedance</b>	50 $\Omega$
<b>Velocity Propagation (%)</b>	70%
<b>Maximum operating frequency</b>	3000MHz
<b>Maximum operating voltage</b>	1200Vrms

### Attenuation (@ 20°C)

<b>Frequency (MHz)</b>	<b>Attenuation (db/100m)</b>
100	27.51
400	55.76
1000	89.88
3000	160.86

**Mechanical Specifications**

<b>Length</b>	100m
<b>Outer Diameter</b>	2.5mm
<b>Conductor Strand Type</b>	Stranded

Item	Material	Diameter
Inner Conductor	Silver plated Copper	7 x 0.17mm
Insulation	PTPE	1.52
Jacket	PVC	2.50

**Operation Environment Specifications**

<b>Operating Temperature Range</b>	-55°C to 200°C
<b>Minimum Operating Temperature</b>	-55°C
<b>Maximum Operating Temperature</b>	200°C

**Approvals**

<b>Compliance/Certifications</b>	EN61340
----------------------------------	---------

