

## FEATURES

- Reel length of 25m
- Strong black PVC jacket
- Impedance of 75 ohms
- Diameter of 6.5mm

## RS PRO Black Underterminated to Underterminated Coaxial Cable, 75 $\Omega$ 6.5mm OD 25m

RS Stock No.: 749-2471



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 RS PRO, comes a high quality unterminated to unterminated coaxial cables. 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>Connector A</b>	Unterminated
<b>Connector B</b>	Unterminated
<b>Terminated/Unterminated</b>	Unterminated
<b>Sheath Colour</b>	Black
<b>Applications</b>	Connecting radio transmitters and receivers with their antennas, Computer network (Internet) connections, Feeding satellite signals through to your TV

### Electrical Specifications

<b>Voltage Rating</b>	30V
<b>Capacitance</b>	62±5pF/m
<b>Characteristic Impedance</b>	75±5 ohm
<b>Velocity Propagation (%)</b>	73%
<b>Conductor DCR (Ohm/km)</b>	352
<b>Insulation Resistance</b>	>500 MΩ*KM

**Attenuation (@ 20°C)**

Frequency (MHz)	Attenuation (db/100m)
1	3.4
2	4.77
5	7.44
10	10.36
20	14.32

**Mechanical Specifications**

Length	25m
Outer Diameter	6.5mm
Conductor Strand Type	Stranded

Item	Material	Diameter	Thickness
Inner Conductor	Bare Copper	1/0.25mm	0.25±0.005mm
Insulation	Foam PE	1.2±0.1mm	0.47mm
Sheath / Jacket	PVC	2.20mm	0.4mm

**Operation Environment Specifications**

Operating Temperature Range	-20°C to 70°C
Minimum Operating Temperature	-20°C
Maximum Operating Temperature	70°C

**Approvals**

Compliance/Certifications	EN61340
---------------------------	---------