

TECHNICAL SPECIFICATIONS SHEET



RG-59 U COAXIAL CABLE

Part No. - VDO-RG59-BRAID-ATC

RG-59 U Coaxial Video Cable – 1/0.71mm ABC copper conductor LDPE insulated, Aluminum Foil Shielded + ATC Copper Braid Shielded, outer jacketed with PVC Sheath.

General Specifications

No of Conductors	1
Conductor - No/ Size of Wire	1/0.71mm
Dielectric Type	LDPE
Dielectric Size	3.75 mm
Dielectric Colours	Natural
Shield	Al Foil + ATC Braid 75 % Coverage
Sheath Type	PVC
Overall OD	6.20 mm
Packaging	100 mtr coils (Heat Shrink Transparent Film)
Weight per coil	5 Kg.
Master Packing	4 Coils in a Carton box

Electrical and Mechanical Characteristics

DC resistance @20 °C - Conductor	19.20 Ω / Km
DC resistance @20 °C - Shield	10.50 Ω / Km
Operating Voltage	300 v
Capacitance	24pF/ft.
Nominal Impedance	75 Ω ± 2%
Velocity of Propagation	68%
Operating Temperature	-20° C to 70° C

Power Loss Chart

Frequency (MHZ)	Power Loss	
	(dB/100 ft.)	(dB/100 m)
1	0.65	2.10
10	1.10	3.50
50	2.10	6.40
250	4.20	12.30
500	6.70	22.60
1000	9.50	30.70

Colours Available



Features

- ◆ RG-59 U is our Video Cables Range.
- ◆ These Cables are specifically designed to deliver maximum performance for Video applications.
- ◆ They Transmit true Video signals & help reduce transmission losses because of double shield of aluminum foil & ATC Braid Shield.

Advantages

- ◆ Use of Pure Copper for shield & enhances video quality & maintains the signal Strength.
- ◆ LDPE insulation gives a lower dielectric constant.

Application

- ◆ Connecting CCTV Cameras & other Video applications

Packaging

- ◆ 100 Meters Coil