## **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	

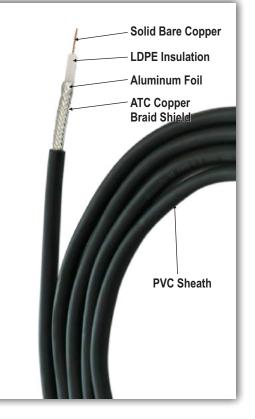
### **Electrical and Mechanical Characteristics**

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	$75\Omega\pm2\%$
Velocity of Propagation	68%
Operating Temperature	-20° C to 70° C

Power Loss Chart			
Frequency	Power Loss		
(MHZ)	(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