

## RG Coaxial Cable



### Application

RG6, RG11, RG58, RG59, RG179, RG213 cables for high quality RG Type Coaxial cables, 50 or 75 Ohm is suitable for many applications, including low power video, video signal, and broadband signals.

### Standards

**EN 50117-1**

**Flame Retardant to EN 60332-3-10, IEC/EN 60332-1-2**

### Characteristics

#### Voltage Rating

30V

#### Temperature Rating

-20°C to +75°C



### Construction

#### Conductor

RG6 / RG11 / RG59: CCS (Copper Clad Steel)

RG58 / RG179: TCW (Tinned Copper Wire)

RG59 Shotgun: CCA (Copper Clad Aluminium)

RG213: Plain Copper

#### Insulation

RG6 / RG11 / RG 179: FPE (Foam Skin Polyethylene)

RG58 / RG59 / RG59 Shotgun / RG213: PE (Polyethylene)

#### Shield

RG6: Aluminium foil

#### Braiding

RG6 / RG59 / RG59 Shotgun: CCA (Copper Clad Aluminium)

RG58: TCWB (Tinned Copper Wire Braid)

#### Sheath

RG6 / RG11 / RG58 / RG59 / RG179 / RG213: PVC (Polyvinyl Chloride)

RG59 Shotgun / RG213 LSZH: LSZH (Low Smoke Zero Halogen)

#### Sheath Colour

Black



## Dimensions

COAXIAL CABLE	NO. OF STRANDS	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER OF INSULATION mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
RG6	1	1.02	4.6	6.6	37
RG11	7	0.4	7.24	10.1	152
RG59	1	0.58	3.7	6.15	52
RG59 SHOTGUN LSZH CCA	1 (2)	0.58	3.7	6.1 x 12.4	91
RG179	1	0.36	1.65	3.05	15
RG213 PVC	7	0.75	7.24	10.3	57
RG213 LSZH	7	0.75	7.25	10.3	57
RG58PVC	19	0.18	2.95	4.95	-

## Electrical Characteristics

COAXIAL CABLE	NOMINAL CAPACITANCE pf/m	IMPEDANCE ohms	VELOCITY RATIO %
RG6	54	75	85
RG11	54	75	85
RG59	72	75	66
RG59 SHOTGUN LSZH CCA	70	75	66.6
RG179	54	75	82
RG213 PVC	101	50	81
RG213 LSZH	101	50	81
RG58PVC	97	50	60



The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.