



RG Coaxial Cable



Eland Product Group: A7E

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.

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

STANDARDS

EN 50117-1

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

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.





DIMENSIONS

ELAND PART NO.	COAXIAL CABLE	NO. OF STRANDS	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER OF INSULATION mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A7ERG6B/U	RG6	1	1.02	4.6	6.6	37
A7ERG11COAX	RG11	7	0.4	7.24	10.1	152
A7ERG59B/U	RG59	1	0.58	3.7	6.15	52
A7E2XRG59BU	RG59 SHOTGUN LSZH CCA	1 (2)	0.58	3.7	6.1 x 12.4	91
A7ERG179	RG179	1	0.36	1.65	3.05	15
A7ERG213PAC	RG213 PVC	7	0.75	7.24	10.3	57
A7ERG213LSZH	RG213 LSZH	7	0.75	7.25	10.3	57
A7ERG58PVC	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.