

CT Coaxial Cable



Eland Product Group: A7E

APPLICATION

Ideal for professional TV and CCTV system installations including digital, satellite, terrestrial and cable TV.

CHARACTERISTICS

Voltage Rating
30V

Temperature Rating
+70°C
Shotgun and RBS types: +60°C
CT167 FPE PE: +80°C

CONSTRUCTION

Conductor
Class 1 solid copper

Insulation
FPE (Foam Polyethylene)
CPE (Cell Polyethylene)

Screen 1
Copper tape longitudinally overlapped

Screen 2
CCA (Copper Clad Aluminium)

Sheath
PVC (Polyvinyl Chloride)
LSZH (Low Smoke Zero Halogen)
PE (Polyethylene)
PP (Polypropylene)

Sheath Colour
● Black

STANDARDS

EN 50117-1

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

THE CABLE LAB®

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab®.





DIMENSIONS

ELAND PART NO.	COAXIAL CABLE	NO. OF STRANDS	NOMINAL DIAMETER OF STRANDS mm	NOMINAL DIAMETER OVER INSULATION mm	NOMINAL OVERALL DIAMETER mm
A7ECT100FFBK	CT100 FPE PVC	1	1	4.6	6.6
A7ECT100FFLSH	CT100 FPE LSZH	1	1	4.6	6.6
A7ECT100-AIR	CT100 CPE PVC	1	1	4.8	6.8
A7ECT100FFPE	CT100 FPE PE	1	1	4.6	6.6
A7ECT100TWIN	CT100 FPE SHOTGUN	1 (2)	1	4.6	6.8 x 13.8
A7ECT125FFBK	CT125 FPE PVC	1	1.25	5.6	7.8
A7ECT125AIR	CT125 CPE PVC	1	1.25	5.5	7.8
A7ECT125FFDB	CT125 FPE RBS	1	1.25	5.5	9.6
A7ECT167LSZH	CT167 FPE LSZH	1	1.67	7.24	10.2
A7ECT167FFDB	CT167 FPE PE	1	1.65	7.28	10.1
A7ECT233LSZH	CT233 FPE LSZH	1	2.33	10.06	13

ELECTRICAL CHARACTERISTICS

COAXIAL CABLE	NOMINAL CAPACITANCE pF/m	IMPEDANCE ohms	VELOCITY RATIO %
CT100 FPE PVC	52	75	85
CT100 FPE LSZH	52	75	85
CT100 CPE PVC	52	75	82
CT100 FPE PE	52	75	85
CT100 FPE SHOTGUN	53.5	75	83
CT125 FPE PVC	52	75	82
CT125 CPE PVC	52	75	82
CT125 FPE RBS	52	75	83
CT167 FPE LSZH	58	75	81
CT167 FPE PE	52	75	85
CT233 FPE LSZH	52	75	80

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.