

Coaxial Cable Type CT

Eland Product Group **A7E**



Application

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

Standards

Solid plain copper

Technical Data

Dielectric

CT100 FPE PVC: FPE (Foam Polyethylene)
 CT100 FPE LSZH: FPE (Foam Polyethylene)
 CT100 CPE PVC: CPE (Cell Polyethylene)
 CT100 FPE PE: FPE (Foam Polyethylene)
 CT100 FPE SHOTGUN: FPE (Foam Polyethylene)
 CT125 FPE PVC: FPE (Foam Polyethylene)
 CT125 CPE PVC: CPE (Cell Polyethylene)
 CT125 FPE RBS: FPE (Foam Polyethylene)
 CT167 FPE LSZH: FPE (Foam Polyethylene)
 CT167 FPE PE: FPE (Foam Polyethylene)
 CT233 FPE LSZH: FPE (Foam Polyethylene)

Screen

Screen 1: Copper tape longitudinally overlapped
 Screen 2: CCA (Copper Clad Aluminium)

Sheath

CT100 FPE PVC: PVC (Polyvinyl Chloride)
 CT100 FPE LSZH: LSZH (Low Smoke Zero Halogen)
 CT100 CPE PVC: PVC (Polyvinyl Chloride)
 CT100 FPE PE: PE (Polyethylene)
 CT100 FPE SHOTGUN: PVC (Polyvinyl Chloride)
 CT125 FPE PVC: PVC (Polyvinyl Chloride)
 CT125 CPE PVC: PVC (Polyvinyl Chloride)
 CT125 FPE RBS: PP (Polypropylene)
 CT167 FPE LSZH: LSZH (Low Smoke Zero Halogen)
 CT167 FPE PE: PE (Polyethylene)
 CT233 FPE LSZH: LSZH (Low Smoke Zero Halogen)

Sheath Colour

Black

Voltage Rating

30V

Temperature Rating

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

Dimensions

Eland Part Number	Coaxial Cable	No. and Nominal Diameter of Strands # / mm	Nominal Diameter Over Insulation mm	Nominal Overall Diameter mm	Nominal Weight kg/Km
A7ECT100FFBK	CT100 FPE PVC	1/1.00	4.60	6.6	57.00
A7ECT100FF*LSH	CT100 FPE LSZH	1/1.00	4.60	6.6	57.00
A7ECT100-AIR	CT100 CPE PVC	1/1.00	4.60	6.6	57.00
A7ECT100FFPE	CT100 FPE PE	1/1.00	4.60	6.6	57.00
A7ECT100TWIN	CT100 FPE SHOTGUN	1/1.00	4.60	6.8 x 13.8	90.00
A7ECT125FF*	CT125 FPE PVC	1/1.25	5.60	7.8	65.00
A7ECT125AIR	CT125 CPE PVC	1/1.25	5.60	7.8	65.00
A7ECT125FFDB	CT125 FPE RBS	1/1.25	5.50	9.6	70.20
A7ECT167LSZH	CT167 FPE LSZH	1/1.67	7.25	10.3	116.00
A7ECT167FFDB	CT167 FPE PE	1/1.65	7.35	10.10	70.00
A7ECT233LSZH	CT233 FPE LSZH	1/2.33	10.06	13.0	137.00

Electrical Characteristics

Coaxial Cable	Nominal Capacitance pF/m	Impedance ohms	Velocity Ratio %
CT100 FPE PVC	52.0	75	82
CT100 FPE LSZH	52.0	75	82
CT100 CPE PVC	52.0	75	82
CT100 FPE PE	52.0	75	82
CT100 FPE SHOTGUN	53.5	75	83
CT125 FPE PVC	52.0	75	82
CT125 CPE PVC	52.0	75	82
CT125 FPE RBS	53.5	75	83
CT167 FPE LSZH	58.0	75	81
CT167 FPE PE	55.0	75	85
CT233 FPE LSZH	55.0	75	80

The information contained within this datasheet is for guidance only. When selecting accessories such as cleats, glands, etc please note that actual cable dimensions may vary due to manufacturing tolerances.