



## Product Description

DME PROLINK RG59 Elevator Cables provides overall electrical control with long suspension length and mechanical stress. Elevator cable consist of steel strength member which enables for long-range suspension application. DME PROLINK RG59 Coaxial cable is one of its kind cable which mainly facilitates applications like Analog CCTV surveillance in Elevators. DME PROLINK's RG59 elevator cables are manufactured and tested to ANSI/TIA-568.4-D and ISO/ IEC 11801-1:2017 specifications. *DME PROLINK's* RG59 Coaxial Elevator cable is designed for quick and easy installation where no special tools are required. RG59 Coaxial Elevator cable is supplied in Drums.

## Features & Benefits

- Performance compliance to ANSI/TIA-568.4-D and ISO/ IEC 11801-1:2017 FR-PVC sheath
- Supporting SMATV, Security, Radio Communication applications
- Supreme EMI protection
- 25 Years System Warranty

## Construction

Coaxial RG59	
Conductor Material / Stranding	Stranded Bare Copper 7 x 0.254mm
Conductor Diameter	0.762 ± 0.05mm
Insulation Material / Outer Diameter	PE / 3.70 ± 0.05mm
Shield / Diameter	Bare Copper Braiding 95%coverage 4.20 ± 0.05mm
Separator	No
Cable Jacket / Diameter	FR-PVC (Soft) / 6.10 ± 0.2mm / Black
Strength Wire	
Steel Wire Material / Stranding / Diameter	2 Nos. Galvanized Steel Stranded Wires / 7 x 0.43mm / 1.29 ± 0.05mm
Outer Jacket	
Material / Dimensions	FR-PVC (Soft) 13.3 ± 0.2mm (Length) 8.4 ± 0.2mm (Width Max) 3.8 ± 0.2mm (Width Min)
Sheath Color	Grey

### Mechanical, Electrical & Environmental Characteristics

Rated temperature	75°C
Bend radius	20 x D
Operating temperature range:	-15 to +75°C
Jacket Tensile Strength before aging	10.0 N/mm <sup>2</sup>
Jacket Elongation before aging	≥ 300%
Characteristic Impedance @ 20 ± 5 °C (RG59)	75 ± 3 Ω/km
Conductor Resistance@ 20 ± 5 °C (RG59)	≤ 55.4 Ω/km
Free Suspension Length	100m
Travelling Height	200m
Running Speed	Nom. 4m/s, Max. 8m/s
Recommended Loop Diameter	10D (84mm)
Acceleration	< 1.2m/s
Fire Rating	PVC: EN 60332-1-2
RoHS Compliant	Compliant Directive 2011/65/EU

### Part Number

**D95-ECRG593FPGY** Flat Elevator Cable, RG59 Coaxial Cable (PE Sheath) with 2 Galvanized Steel Stranded Wire, 300m, FR-PVC Outer Sheath, Grey

