



Delton

WE CONNECT FOR LIFE



Delton TV Cables

- ▶ Bright Annealed Electrolytic Grade Copper to provide Superior Signal performance.
- ▶ Polyethylene Foam Insulation ensures Low Transmission Losses.
- ▶ Double Screening with more braid coverage for sharp picture and sound.
- ▶ Moisture free.
- ▶ High Bandwidth – More Channels.
- ▶ Reduced Installation Costs.

1948-2007

50⁺
Years
of Excellence

An ISO 9001:2000
Certified Company

Delton Cables Ltd. is an ISO 9001: 2000 certified company committed to Quality and Customer Satisfaction. Delton provides competence in Cable technology covering measurement, control, communication and power distribution applications for different environmental conditions, as used in exploration, metal, oil, refining or gas processing sites, petrochemical, chemical, power generation, infrastructure, commercial and housing complexes etc.

Delton TV Cables are Foam PE Dielectric Co-axial Cables. The Inner Conductor is made of Annealed Electrolytic Grade Copper Conductor, to provide Superior Signal Performance. The high quality Dielectric Foam-Gas expanded-Closed Cell Polyethylene Insulation over the inner core provides for Low Transmission Losses. Double Screening with High Braid Coverage ensures low Attenuation Values thus providing a Better and Clearer Picture. Bonded Aluminum-Polypropylene-Aluminum baked tape Screening ensures that Moisture does not seep into the cable. Delton TV cables provides high Bandwidth and ensures Quality Signal Transmission, thus enabling reception of more Channels than other cables, Reducing the number of Amplifiers, means lower installation costs.

Technical Specifications

Construction & Dimensions	(Value in mm)		
Diameter of	RG6	RG11	RG59
Inner Conductor	1±0.02	1.66±0.02	0.81±0.02
Dielectric	4.80±0.20	7.25±0.20	3.66±0.15
1st Outer Conductor	5.10	7.52	3.90
2nd Outer Conductor	5.35	7.80	4.12
Jacket	6.90±0.20	10.0±0.20	6.10±0.20

Electrical Performance	RG6	RG11	RG59
DC Resistance in (Ohm/km)			
Inner Conductor	22	8	35
Outer Conductor	37	26	40
Impedance (Ohm)	75±3.0	75±3.0	75±3.0
Capacitance (pF/m)	52±2.0	53±2.0	53±2.0
Wavevelocity rate %	82%	85%	87%
Return Loss (dB)			
VHF 0.300 MHz	20 dB	20 dB	20 dB
UHF 300-960 MHz	18 dB	18 dB	18 dB

Supplied in 100/200/300/500 mtr coils.

Attenuation	RG6	RG11	RG59
Frequency (MHz)		Max. Value	
		(dB/100m)	
5	1.87	1.19	2.60
50	4.80	3.20	5.90
55	5.03	3.29	6.20
200	9.70	6.40	11.50
211	9.96	6.57	11.80
300	12.20	7.83	14.10
400	14.09	9.04	16.10
450	15.20	9.59	17.40
500	16.02	10.20	18.10
550	16.80	10.70	19.40
600	17.55	11.18	20.30
750	19.62	12.49	22.90
860	20.03	13.38	24.80
1000	21.60	14.43	26.60

Product Range

- Cable package for GSM system
- PE insulated jelly filled Cables
- LAN Cables
- Teflon insulated high temp Cables
- Compensating Cables
- PVC / XLPE Power / Control Cables
- Zero Halogen Cables
- Single Core Wires
- PVC/PE insulated copper screened multicore/multipair Cables
- PVC insulated indoor Telephone Cables
- Polyurethane sheathed Cables
- Cables for Railway application
- RF and Coaxial Cables
- PVC / XLPE insulated steel wire braided multicore Cables
- Special Cables as per customer requirements
- MCBs
- Isolators
- Distribution Boards
- MCB Changeover Switches

New

Delton Cables Limited

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