



VECTOR DGS 1500

Coaxial cable 75 Ohm RG6 type

Image representative of cable family. Actual cable may vary.

CPR Class Dca s2,d2,a1

Screening Class A++

Halogen Free

FlameSmart technology

Terrestrial & Satellite Reception

DOCSIS 3.1

HD / 4K

Satellite Internet

STANDARDS AND CERTIFICATES

Standards	EN 50117-2-4 EN 50117-9-2 EN 50575
CPR Class	Dca s2,d2,a1
DOP	1002653
ROHS II	complies

CONSTRUCTION

Inner conductor	Φ 1,13mm solid copper
Insulation	Φ 4,80mm skin-foam-skin gas injected PE
Outer conductor	aluminum tape bonded to insulation + tinned copper braid + 2 nd aluminum tape
Outer Sheath	Φ 6,90mm HFFR white UV resistant

ELECTRICAL CHARACTERISTICS

Impedance	75 +/-3 Ohm
Nom.Capacitance	52 pF/m
Velocity ratio (V/C)	0,85
Sheath spark test	4 KV
Transfer Impedance (Zt)	
Zt 5-30 MHz	<0,9 mOhm/m
Screening Attenuation (As)	
As 30-1000 MHz	>105 dB (130dB typical)
As 1000-2000 MHz	>95 dB (130dB typical)
As 2000-3000 MHz	>85 dB (130dB typical)
Screening Class	A++
DC resistance	
Inner conductor	18,0 Ohm/km
Outer conductor	11,0 Ohm/km

APPLICATIONS

TELEVISION

VECTOR DGS 1500

ELECTRICAL CHARACTERISTICS (continued)

Structural return loss	
5 - 30 MHz	>23dB
30 - 470 MHz	>23dB
470 - 1000 MHz	>20dB
1000 - 2000 MHz	>18dB
2000 - 3000 MHz	>18dB

Nom. Attenuation (dB/100m)	
100 MHz	5,60
400 MHz	11,50
800 MHz	16,50
1000 MHz	18,50
1500 MHz	23,00
1750 MHz	25,00
2150 MHz	28,20
2400 MHz	29,50
3000 MHz	33,50

MECHANICAL CHARACTERISTICS

Minimum bending radius	
Single bend	35 mm
Repeated bending	70 mm
Maximum tensile force	150 N
Connectors	FC-5170
Standard packaging	5x100m, 1x500m

 Cable is not intended for direct connection to the mains electricity supply.

ACCORDIA
CABLES BEYOND STANDARD

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