



VECTOR SAT+ 85

Coaxial cable 75 Ohm RG59 type

Image representative of cable family. Actual cable may vary.

CPR Class Dca s1,d2,a1

Screening Class A+

Thin cable
Ø5,20mm

Halogen Free

FlameSmart technology

Terrestrial & Satellite
Reception

CCTV

HD / 4K

APPLICATIONS

TELEVISION

SAFETY & SECURITY

STANDARDS AND CERTIFICATES

Standards	EN 50117-2-4 EN 50117-9-2 EN 50575
CPR Class	Dca s1,d2,a1
DOP	1002672
ROHS II	complies

CONSTRUCTION

Inner conductor	Ø 0,80mm solid copper
Insulation	Ø 3,50mm skin-foam-skin gas injected PE
Outer conductor	aluminum tape bonded to insulation + tinned copper braid + 2 nd aluminum tape
Outer Sheath	Ø 5,20mm 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	<2,5 mOhm/m
Screening Attenuation (As)	
As 30-1000 MHz	>95 dB
As 1000-2000 MHz	>85 dB
As 2000-3000 MHz	>75 dB
Screening Class	A+
DC resistance	
Inner conductor	35,0 Ohm/km
Outer conductor	18,0 Ohm/km

VECTOR SAT+ 85**ELECTRICAL CHARACTERISTICS (continued)**

Structural return loss

5 - 30 MHz	>20dB
30 - 470 MHz	>20dB
470 - 1000 MHz	>18dB
1000 - 2000 MHz	>16dB
2000 - 3000 MHz	>16dB

Nom. Attenuation (dB/100m)

100 MHz	8,30
400 MHz	16,00
800 MHz	23,50
1000 MHz	26,00
1500 MHz	32,00
1750 MHz	34,50
2150 MHz	39,00
2400 MHz	41,50
3000 MHz	46,50

MECHANICAL CHARACTERISTICS

Minimum bending radius

Single bend	25 mm
Repeated bending	50 mm
Maximum tensile force	90 N
Connectors	FC-3850, BNC-3950
Standard packaging	5x100m, 1x500m

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

ACCORDIA
CABLES BEYOND STANDARD

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