



## VECTOR SAT+ 122 AW

Coaxial cable 75 Ohm RG6 type

Image representative of cable family. Actual cable may vary.

Screening Class A+

CPR certified

All Weather technology

UV and moisture resistant

Terrestrial & Satellite Reception

HD / 4K

Satellite Internet

### STANDARDS AND CERTIFICATES

Standards	EN 50117-2-5 EN 50117-10-2 EN 50575
CPR Class	Fca
DOP	1002558
ROHS II	complies

### CONSTRUCTION

Inner conductor	Ø 1,13mm solid copper
Insulation	Ø 4,80mm skin-foam-skin gas injected PE
Outer conductor	aluminum tape bonded to insulation + tinned copper braid + 2 <sup>nd</sup> aluminum tape
Outer Sheath	Ø 6,80mm PE black

### 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	18,0 Ohm/km
Outer conductor	12,0 Ohm/km

### APPLICATIONS

TELEVISION

SAFETY & SECURITY

## VECTOR SAT+ 122 AW

### ELECTRICAL CHARACTERISTICS (continued)

Structural return loss

5 - 30 MHz	<b>&gt;23dB</b>
30 - 470 MHz	<b>&gt;23dB</b>
470 - 1000 MHz	<b>&gt;20dB</b>
1000 - 2000 MHz	<b>&gt;18dB</b>
2000 - 3000 MHz	<b>&gt;18dB</b>

Nom. Attenuation (dB/100m)

100 MHz	<b>5,60</b>
400 MHz	<b>11,30</b>
800 MHz	<b>16,70</b>
1000 MHz	<b>18,40</b>
1500 MHz	<b>22,60</b>
1750 MHz	<b>24,50</b>
2150 MHz	<b>27,60</b>
2400 MHz	<b>29,30</b>
3000 MHz	<b>33,20</b>

### MECHANICAL CHARACTERISTICS

Minimum bending radius

Single bend	<b>35 mm</b>
Repeated bending	<b>70 mm</b>
Maximum tensile force	<b>150 N</b>
Connectors	<b>FC-5170</b>
Standard packaging	<b>5x100m, 1x500m</b>



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

**ACCORDIA**  
CABLES BEYOND STANDARD

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