



## VECTOR SAT+ 115

Coaxial cable 75 Ohm RG6 type

Image representative of cable family. Actual cable may vary.

**Screening Class A+**

**CPR certified**

**Terrestrial & Satellite  
Reception**

**HD / 4K**

**Satellite Internet**

### STANDARDS AND CERTIFICATES

Standards	EN 50117-2-4 EN 50117-9-2 EN 50575
CPR Class	Eca
DOP	1002539
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 + tinned copper braid + 2 <sup>nd</sup> aluminum tape
Outer Sheath	Φ 6,80mm PVC white

### 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	14,0 Ohm/km

APPLICATIONS

TELEVISION

SAFETY & SECURITY

## VECTOR SAT+ 115

### 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>5,80</b>
400 MHz	<b>11,50</b>
800 MHz	<b>17,00</b>
1000 MHz	<b>18,60</b>
1500 MHz	<b>23,20</b>
1750 MHz	<b>25,20</b>
2150 MHz	<b>28,20</b>
2400 MHz	<b>30,00</b>
3000 MHz	<b>34,00</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.