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
∅ 1,13mm solid copper
∅ 4,80mm skin-foam-skin gas injected PE aluminum tape bonded to insulation + tinned copper braid + 2nd aluminum tape
Outer conductor
Outer Sheath
∅ 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)
< 2,5 mOhm/m
Zt 5-30 MHz
Screening Attenuation (As)
> 95 dB
As 30-1000 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

28/03/2023 | Accordia sa reserves the right to alterations
### VECTOR SAT+ 122 AW

**ELECTRICAL CHARACTERISTICS (continued)**

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>Structural Return Loss</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 - 30 MHz</td>
<td>&gt;23 dB</td>
</tr>
<tr>
<td>30 - 470 MHz</td>
<td>&gt;23 dB</td>
</tr>
<tr>
<td>470 - 1000 MHz</td>
<td>&gt;20 dB</td>
</tr>
<tr>
<td>1000 - 2000 MHz</td>
<td>&gt;18 dB</td>
</tr>
<tr>
<td>2000 - 3000 MHz</td>
<td>&gt;18 dB</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>Nominal Attenuation (dB/100m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 MHz</td>
<td>5.60</td>
</tr>
<tr>
<td>400 MHz</td>
<td>11.30</td>
</tr>
<tr>
<td>800 MHz</td>
<td>16.70</td>
</tr>
<tr>
<td>1000 MHz</td>
<td>18.40</td>
</tr>
<tr>
<td>1500 MHz</td>
<td>22.60</td>
</tr>
<tr>
<td>1750 MHz</td>
<td>24.50</td>
</tr>
<tr>
<td>2150 MHz</td>
<td>27.60</td>
</tr>
<tr>
<td>2400 MHz</td>
<td>29.30</td>
</tr>
<tr>
<td>3000 MHz</td>
<td>33.20</td>
</tr>
</tbody>
</table>

**MECHANICAL CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Bending Radius</td>
<td></td>
</tr>
<tr>
<td>Single Bend</td>
<td>35 mm</td>
</tr>
<tr>
<td>Repeated Bending</td>
<td>70 mm</td>
</tr>
<tr>
<td>Maximum Tensile Force</td>
<td>150 N</td>
</tr>
<tr>
<td>Connectors</td>
<td>FC-5170</td>
</tr>
<tr>
<td>Standard Packaging</td>
<td>5x100m, 1x500m</td>
</tr>
</tbody>
</table>

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