



## VECTOR SAT 110

Coaxial cable 75 Ohm RG6 type

Image representative of cable family. Actual cable may vary.

### Screening Class A

### CPR certified

### Terrestrial & Satellite Reception

### STANDARDS AND CERTIFICATES

|           |  |
|-----------|--|
| Standards | EN 50117-2-4<br>EN 50117-9-2<br>EN 50575 |
| CPR Class | Eca                                      |
| DOP       | 1002537                                  |
| ROHS II   | complies                                 |

### CONSTRUCTION

|                 |   |
|-----------------|---|
| Inner conductor | Φ 1,10mm<br>solid copper                      |
| Insulation      | Φ 4,80mm<br>skin-foam-skin<br>gas injected PE |
| Outer conductor | aluminum tape<br>+ tinned copper braid        |
| 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                | <5 mOhm/m   |
| Screening Attenuation (As) |             |
| As 30-1000 MHz             | >85 dB      |
| As 1000-2000 MHz           | >75 dB      |
| As 2000-3000 MHz           | >65 dB      |
| Screening Class            | A           |
| DC resistance              |             |
| Inner conductor            | 18,0 Ohm/km |
| Outer conductor            | 14,0 Ohm/km |

### APPLICATIONS

### TELEVISION

**VECTOR SAT 110****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>19,00</b> |
| 1500 MHz | <b>23,70</b> |
| 1750 MHz | <b>25,80</b> |
| 2150 MHz | <b>29,00</b> |
| 2400 MHz | <b>31,00</b> |
| 3000 MHz | <b>35,00</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.

**ACCORDIA**  
CABLES BEYOND STANDARD

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