

## PRODUCT INFORMATIONS

### Applications

- Analogue & digital video links.
- Fixed & mobile installations in broadcast & television.
- Digital video transmission over long distances (more than 500 m).

### Electrical properties

- Characteristic impedance : **75  $\Omega$**
- Nominal capacitance : **54 pF/m**
- Electrical resistance at 20°C :
  - Inner conductor : **18.50  $\Omega$ /km**
  - Outer conductor : **12.30  $\Omega$ /km**
- Velocity of propagation : **80%.c**

• Nominal attenuation :

MHz	dB / 100m
• 1	<b>0.70</b>
• 10	<b>2.30</b>
• 50	<b>4.70</b>
• 100	<b>6.50</b>
• 200	<b>9.30</b>
• 400	<b>13.50</b>
• 800	<b>20.40</b>
• 1000	<b>23.00</b>
• 1500	<b>26.00</b>
• 3000	<b>40.50</b>

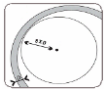
• Return Loss :

MHz	dB
• 50 - 300	<b>&gt; 23</b>
• 300 - 1500	<b>&gt; 20</b>
• 1500 - 3000	<b>&gt; 15</b>

## Characteristics



- Temperature range: Dynamic : - 5°C → + 70°C  
Static: - 10°C → + 70°C



- Minimum bending radius: Dynamic : **10 x Ø**  
Static : **5 x Ø**






- Conform to **RoHS** directive



- Conform to **EN 50575 : 2014 + A1 : 2016**
- Classe : **Eca**

## Item nb

			
VCB1005	6.95 mm	53.00	500 m
VCB100	6.95 mm	53.00	1000 m
VCB100T3000	6.95 mm	53.00	3000 m