

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

• Nominal attenuation :

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

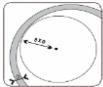
• Return Loss :

MHz	dB
• 50 - 300	> 23
• 300 - 1500	> 20
• 1500 - 3000	> 15

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