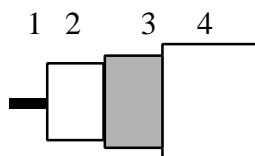


## Construction & Dimensions



- |   |                 |   |
|---|-----------------|---|
| 1 | Inner conductor | Copper clad steel                           |
| 2 | Dielectric      | Solid PE                                    |
| 3 | Braid           | Bare copper                                 |
| 4 | Sheath          | PVC according the European Standard HD 624. |

- |    |                        |  |                   |
|----|------------------------|--|-------------------|
| 1. | <b>Conductor</b>       | Innenleiter - Conduttore Interno - Conducteur            |                   |
|    | Diameter:              |  | 0.58 mm ± 0.02 mm |
| 2. | <b>Dielectric</b>      | Dielektrikum – Dielettrico - Diélectrique                |                   |
|    | Diameter:              |  | 3.7 mm ± 0.15 mm  |
|    | <b>Outer Conductor</b> | Aussenleiter - Conduttore Esterno - Conducteur extérieur |                   |
|    | Diameter screen:       |  | 4.3 mm ± 0.2 mm   |
|    | Coverage braid:        |  | 91 % ± 4 %        |
| 4. | <b>Jacket</b>          | Aussenmantel – Guaina - Gaine                            |                   |
|    | Diameter:              |  | 6.15 mm ± 0.2 mm  |

## Requirements and test methods

### Electrical characteristics

- |  |          |
|--|----------|
| Mean characteristic impedance:   | 75 ± 2 Ω |
| Wellenwiderstand - Impedenza Caratteristica Principale - Impédance nominale                        |          |
| Nominal capacitance conductor to shield:   | 67 pF/m  |
| Kapazitaet - Capacità Nominale Conduttore/Schermo - Capacité nominale entre conducteur et blindage |          |
| Nominal velocity of propagation:   | 66%      |
| Ausbreitungsgeschwindigkeit - Velocità Nominale di Propagazione - Vitesse de propagation nominale  |          |
| Nominal Attenuation: Wellendaempfung - Attenuazione Nominale - Affaiblissement                     |          |

| MHz  | dB/100m |
|------|---------|
| 10   | 4       |
| 200  | 17      |
| 400  | 25      |
| 1000 | 43      |
| 2400 | 67      |

- |                    |           |
|--------------------|-----------|
| Maximum frequency: | 1 GHz     |
| Voltage rating :   |           |
| DC                 | 4.2 kVdc  |
| RMS                | 2.1 kVrms |

### Mechanical and physical characteristics

- |  |                 |
|--|-----------------|
| Temperature range - storage/operation    | -30°C to +70°C  |
| Temperature range - installation         | -5 °C to + 50°C |
| Nominal cable weight                     | 50 kg/km        |
| Gewicht - Peso Nominale del Cavo – Poids |                 |

---

**Ordering information**

|  | Jacket colour | length | RS P/N  |
|--|---------------|--------|---------|
|  | White         | 100m   | 5218486 |
|  | White         | 500m   | 5218492 |
|  | Black         | 100m   | 5218262 |
|  | Black         | 500m   | 5218329 |