

## Flexible low noise cable G\_03130\_HT

### Description

G: RF cables with PE dielectrics

Low-noise coax, 75 Ohm, 1 GHz, 85°C, ø5 mm, PVC jacket



### Technical Data

#### Construction

|                  | Material                 | Detail        | Diameter      |
|------------------|--------------------------|---------------|---------------|
| Centre conductor | Copper                   | Wire          | 0.5 mm        |
| Dielectric       | PE (Polyethylene)        |               | 3 mm          |
| Semi conductor   | PVC (Polyvinyl chloride) |               | 3.4 mm        |
| Outer conductor  | Copper                   | Braid, 91 %   | 4 mm          |
| Jacket           | PVC (Polyvinyl chloride) | RAL 9005 - bk | 5 mm +/- 0.15 |

Print: HUBER+SUHNER G 03130 HT 75 Ohm (production order number)

#### Electrical Data

|                          |                                      |
|--------------------------|--------------------------------------|
| Impedance                | 75 Ω +/- 1                           |
| Max. operating Frequency | 1 GHz                                |
| Capacitance              | 70.7 pF/m                            |
| Insulation resistance    | ≥ 1 x 10 <sup>8</sup> MΩm            |
| Max. operating voltage   | 2.5 kV <sub>rms</sub> (at sea level) |
| Test voltage             | 5 kV <sub>rms</sub> (50 Hz/1 min)    |
| Max. noise level         | 20 mV                                |

#### Mechanical Data

|                |                                          |
|----------------|------------------------------------------|
| Weight         | 3.7 kg/100 m                             |
| Bending Radius | static<br>25 mm                          |
|                | repeated (for max. 50 bendings)<br>50 mm |

#### Environmental Data

|                                                      |                  |
|------------------------------------------------------|------------------|
| Temperature range                                    | -25 °C... +85 °C |
| Installation temperature                             | -20 °C... +60 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant        |

### Additional Information

#### Ordering Information

Order as G\_03130\_HT

#### Remarks

(For details refer to the HUBER+SUHNER RF CABLES GENERAL CATALOGUE or contact your nearest HUBER+SUHNER partner)

**Cable group** U13 3 mm / 75 Ohm