

# RG 59/B/U PE

## RG-CABLE 75 Ohm

Cable for the installation outside and underground: e.g. for instance for networks of close-circuit video monitoring systems.

- *single shielded*
- *high coverage of braid*
- *manufactured on the lines of MIL-C-17*
- *Made in Germany*
- *fulfilled RoHS (EN 2002/95 EG)*



|                                           |                         |
|-------------------------------------------|-------------------------|
| <b>Building:</b>                          |                         |
| Inner conductor                           | 0,584 mm copperweld     |
| Insulation                                | 3,7 mm PE. +/- 0,1      |
| Outer conductor                           |                         |
| a)                                        | Copper braid bare wires |
| b)                                        |                         |
| c)                                        |                         |
| d)                                        |                         |
| Jacket                                    | 6,1 mm PE black +/- 0,2 |
| <b>Electrical properties:</b>             |                         |
| Impedance                                 | 75 Ohm +/- 3            |
| Capacity (pF/m)                           | 67                      |
| Velocity (v/c)                            | 0,66                    |
| <b>Attenuation at 20°C (dB 100m)</b>      |                         |
| 10 MHz - 3,3                              | 500 MHz - 27,0          |
| 20 MHz - 4,7                              | 800 MHz - 35,1          |
| 50 MHz - 7,5                              | 1000 MHz - 39,2         |
| 100 MHz - 11,1                            |                         |
| 200 MHz - 16,8                            |                         |
| <b>Direct current resistance (Ohm/km)</b> |                         |
|                                           | Inner conductor: 169    |
|                                           | Outer conductor: 9      |
| <b>Mechanical properties:</b>             |                         |
| Minimum bending radius                    | 30 mm                   |
| Cable weight kg/km                        | +/- 51                  |
| Copper weight kg/km                       | +/- 23                  |
| Range of temperature C°                   | -20 bis + 70            |