

# Technical Datasheet

## tasker® RGB 75 L.S.Z.H. – 1x0,08 mm<sup>2</sup>

### Special Coaxial Video cable 75 Ω



| A | B | C | D |
|---|---|---|---|
|---|---|---|---|

**CATEGORY** Coaxial cable 75 Ω (See Video Catalogue)  
**APPLICATIONS** standard video applications and mini coax assembly

- A:** Black Soft **L.S.Z.H. polymer**, Flame Retardant and with zero emission of halogen gasses. Outer cable Diam. Ø 2,80 (±0,10) mm.  
**B:** Shielding in O.F.C. Silver Plated copper Braid covering 95%.  
**C:** Core Insulation with transparent compact PE – Diam. Ø 1,50 (±0,10) mm  
**D:** Stranded formation in O.F.C. red copper 9x0,10 mm.  
Nom. Cross section 1x0,08 mm<sup>2</sup> (28 AWG).

**MARKING** **tasker®** RGB75 L.S.Z.H. – 75 OHM – MINI COAX VIDEO CABLE - FirestoP® - Halogen Free – Made Italy

**CUSTOM PRODUCTION** This product may be custom produced also in **L.S.Z.H. polymer, PE, PUR**, with or without Metallic Armor.

#### Cable Properties

|                         |           |
|-------------------------|-----------|
| Conductor Resistance    | 203 Ω/Km  |
| Capacity Core/Shield    | 67 pF/m   |
| Velocity of Propagation | 66%       |
| Impedance               | 75 Ω      |
| Max Rated Voltage       | 30 V      |
| Operative Temperature   | -30/+70°C |

#### Attenuation dB/100 m.

|         |       |          |        |
|---------|-------|----------|--------|
| 5 MHz   | 5,40  | 400 MHz  | 59,20  |
| 10 MHz  | 8,20  | 500 MHz  | 67,50  |
| 50 MHz  | 19,20 | 600 MHz  | 72,60  |
| 100 MHz | 27,90 | 800 MHz  | 85,30  |
| 200 MHz | 40,70 | 1000 MHz | 101,00 |

|         |   |                       |                   |              |   |                      |                  |              |   |                   |
|---------|---|-----------------------|-------------------|--------------|---|----------------------|------------------|--------------|---|-------------------|
| USE     | X | Indoor                | Interno Edificio  | INSTALLATION | X | Fixed                | Fissa            | INFORMATION  | X | RoHS3 Compliant   |
| Impiego | X | Outdoor Limited       | Esterno Limitato  | Posa         | X | Restricted Mobile    | Mobile Limitata  | Informazioni | X | Ver. B / 29.05.19 |
|         | X | Outdoor               | Esterno           |              |   | Mobile               | Mobile           |              |   |                   |
|         |   | Outdoor Direct Burial | Esterno Interrato |              |   | Mobile in Drag Chain | Mobile in Catena |              |   |                   |