

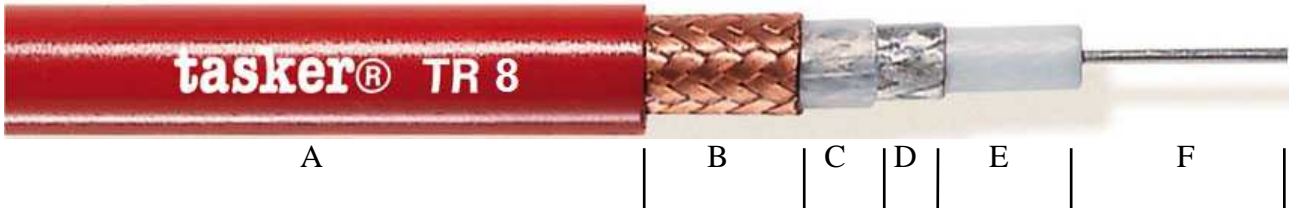
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Technical Datasheet  **FirestoP®**

## tasker® TR 8 - Triaxial Broadcast Cable 75 Ω



**CATEGORY** Triaxial cables 75 Ω (See Video Catalogue)  
**APPLICATIONS** Professional Video Installation and Broadcast

- A:** Soft red **P.L.S.F.** Low smoke and Flame Retardant Sheath.  
Outer cable Diam. Ø: 8,50 (±0,10) mm.
- B:** First Shielding in O.F.C. red copper Braid covering 94% over a not woven polyester tape.
- C:** Intermediate sheath in compact PE – Diam. Ø 6,60 (±0,10) mm.
- D:** Second Shielding in **Silver Plated copper** Braid covering 95%.
- E:** Core Insulation with Expanse Polyethylene (PEE) – Diam. Ø 4,50 (±0,10) mm.
- F:** Stiff wire in **Silver Plated copper**, Formation 1x1,00 mm.  
Nom. Cross section 1x0,75 mm<sup>2</sup>.

**MARKING** **tasker® TR8 – 75 OHM – BROADCASTING TRIAXIAL CABLE**  
**CUSTOM PRODUCTION** This product may be custom produced also in **PE, PVC** or **PUR** with or without Metallic Armor.

### Cable Properties

|                                |            |
|--------------------------------|------------|
| <b>Conductor Resistance</b>    | 22,50 Ω/Km |
| <b>Capacity Core/Shield</b>    | 56 pF/mt   |
| <b>Velocity of Propagation</b> | 80%        |
| <b>Impedance</b>               | 75 Ω       |
| <b>Max Rated Voltage</b>       | 2.000 V    |
| <b>Operative Temperature</b>   | -20/+70°C  |

### Attenuation db/100 mt

|                |      |                 |      |
|----------------|------|-----------------|------|
| <b>50 MHz</b>  | 5,2  | <b>1000 MHz</b> | 28,0 |
| <b>100 MHz</b> | 7,6  | <b>1500 MHz</b> | 34,9 |
| <b>300 MHz</b> | 13,8 | <b>2000 MHz</b> | 40,0 |
| <b>600 MHz</b> | 20,8 | <b>3000 MHz</b> | 52,8 |

|                |          |                       |                   |                     |          |                      |                  |                     |          |                   |
|----------------|----------|-----------------------|-------------------|---------------------|----------|----------------------|------------------|---------------------|----------|-------------------|
| <b>USE</b>     | <b>X</b> | Indoor                | Interno Edificio  | <b>INSTALLATION</b> | <b>X</b> | Fixed                | Fissa            | <b>INFORMATION</b>  | <b>X</b> | RoHS2 Compliant   |
| <b>Impiego</b> | <b>X</b> | Outdoor Limited       | Esterno Limitato  | <b>Posa</b>         | <b>X</b> | Restricted Mobile    | Mobile Limitata  | <b>Informazioni</b> | <b>X</b> | Ver. A / 16.05.16 |
|                |          | Outdoor               | Esterno           |                     |          | Mobile               | Mobile           |                     |          |                   |
|                |          | Outdoor Direct Burial | Esterno Interrato |                     |          | Mobile in Drag Chain | Mobile in Catena |                     |          |                   |