



Other connectors:
HDTV-BNC 3GHz and N Connectors

| tasker® Code | Cond. number | Nominal section mm ² | Cond. Format. mm. | External Core Ø mm. | External Cable Ø mm. | Reel or Spool | | |
|-------------------------------------|--------------|------------------------------------|----------------------|------------------------|-------------------------|---------------|------|-----|
| | | | | | | mt. | Type | Kg. |
| TSK 1078 | 1 | 20 AWG (0,52 mm ²) | 1x0,813 | 3,7 | 5,9 | 100 300 | B | |
| TSK 1078 PUR** | | 20 AWG (0,52 mm ²) | 1x0,813 | 3,7 | 5,9 | 100 300 | | |
| <i>Installation length: mt. 120</i> | | | | | | | | |

| Conductor Resistance Ω/Km ± 5% | Nominal delay ns/m. | Capacity Core/shield pF/mt | | | | |
|-----------------------------------|------------------------|-------------------------------|-------|-------|-------|---------|
| 33 | 4,0 | 53,5 | | | | |
| 33 | 4,0 | 53,5 | | | | |
| Velocity of propagation % | Impedance Ω ± 3% | Operative Temperature °C | | | | |
| 83 | 75 | -15 / +70 | | | | |
| Attenuation db/100mt | | | | | | |
| 1 MHz | 10 MHz | 100 MHz | 1 GHz | 2 GHz | 3 GHz | 4,5 GHz |
| 0,78 | 2,03 | 7,31 | 24,60 | 36,74 | 50,11 | 67,64 |

Characteristics:

Conductor: Stiff wire in O.F.C. red copper
 Insulation: Gas Injected High Density Foam PE
 I° Shield: Aluminium Foil Tape covering 100%
 II° Shield: Braided covering 95% O.F.C. tinned copper
 Sheath: Low Smoke Zero Halogen (L.S.Z.H.)
 Sheath colours: PVC or PUR**
 Black, Blue-night

**PUR version:
Production on demand

Product Description

Coaxial cable for HDTV (High Definition TV) and HD SDI (High Definition Serial Digital Interface) installations.
 The velocity of transmission of the SDTV-SDI Digital Video Signal is of 270Mbps while the one of a HDTV-SDI High Definition Digital Video Signal is of 1,485 Gbps. The HDTV technology comprehends two formats that differ either for resolution or for image scanning conditions. This coaxial cable allows the transmission of HDTV signal in the HDV (720p) resolution 1280x720 format with progressive scanning or in the HD (1080i) resolution 1920x1080 format with interlaced scanning at highest resolution and high frequency on the maximum distances of **120 mt.** The high performance level of this cable is possible thanks to the high quality of the material used and to the highly skilled productive processes. The cable is suitable for **HDTV-BNC 3GHz and N type** connectors, all crimping type and with 75 Ω impedance. Due to his dimensions it can be applied in Broadcast and multi-coaxial installations of HDTV video direction and HD SDI video interfaces in recording and duplication cinematographic studios.

Descrizione Prodotto

Cavo coassiale per installazioni HDTV (High Definition TV) e HD SDI (High Definition Serial Digital Interface).
 La velocità di trasmissione del segnale Video digitale SDTV-SDI è di 270Mbps mentre quella di un segnale Video digitale ad alta definizione HDTV-SDI è di 1,485Gbps. La tecnologia HDTV comprende due formati che si differiscono sia per risoluzione che per modalità di scansione dell'immagine. Questo cavo coassiale consente la trasmissione del segnale HDTV nei formati HDV (720p) risoluzione 1280x720 con scansione progressiva o nel formato HD (1080i) risoluzione 1920x1080 con scansione interlacciata a risoluzione molto elevata e ad alta frequenza per una distanza massima di **120 mt.** L'elevato livello di prestazione di questo cavo è reso possibile dall'alta qualità dei materiali impiegati e da processi produttivi tecnologicamente avanzati. Il cavo è adatto a connettori **HDTV-BNC 3 GHz** e di **tipo N** a crimpare con impedenza di 75 Ω. Per le sue dimensioni può essere impiegato nelle installazioni Broadcast e multicoassiali di regie video HDTV e di interfacce video HD SDI in studi di registrazione o di duplicazione cinematografica.

Applications:



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