

VIDEO CABLES

VIDEO INSTALLATION CABLE mod. 7XVD59D



SYNTAX® standard coax cable 75 ohm nominal impedance, designed for video signals.

The particular double shield composition featuring red copper braid and tinned copper braid has been developed for outdoor installation to keep low attenuation values over long distances.

- Conductor: solid OFC red copper 1 x 0,60 mm
- Conductor Jacket: Ø 3.5 mm polyethylene
- Shield 1: OFC red copper braid (85% cov.)
- Shield 2: OFC tinned copper braid (85% cov.)
- External Jacket: Grey standard (others colours on demand)
- Overall diameter: Ø 6,10 mm
- Capacitance (800 ÷ 1200 Hz) 67 nF/Km ± 5%
- Nominal impedance: 75 Ω ± 3
- Velocity of propagation: 66%

NOMINAL ATTENUATION (dB/100 m)

50 MHz	100 MHz	200 MHz	400 MHz	1000 MHz
7	12	16	25	43

HDTV VIDEO INSTALLATION CABLE mod. 7XVD59HDTV



This SYNTAX® halogen free video coax cable 75 ohm is designed for HDTV high performance applications. The inner conductor insulator is made of a special foam plastic polymer to guarantee a very low value of capacitance also for great length connections.

The first shield (made of OFC red braid copper) and the second screen (made with tinned braid copper) guarantee a great protection from external noises. A further aluminum foil shield is placed between the other two and forms a fire-proof barrier.

All materials used to produce the cable, have been chosen to comply with the main safety regulations, namely with the following standards:

- IEC 332-3C fire resistant coaxial cable;
- IEC 754-1 amount halogen acid gasses;
- IEC 754-2 acidity of gasses;
- IEC 1034/1 & 2 smoke density;
- NF x 70/100 gas toxicity.

- Conductor
- Conductor Jacket
- Shield 1
- Shield 2
- Shield 3
- External jacket
- Overall diameter
- Capacitance (800 ÷ 1200 Hz)
- Resistance of insulation (20°C, 500V)
- Electrical resistance (20°C)
- Nominal impedance
- Test voltage
- Velocity of propagation
- Operating temperature

- solid OFC red copper 1 x 0,81 mm
- Ø 3,70 mm foam-polyolefin
- OFC red copper braid (85% cov.)
- fire-proof aluminium foil
- OFC tinned copper braid (85% cov.)
- Polymer LSZH yellow – UV proof
- Ø 6.20 mm
- 60 nF/Km
- ≥ 10 GΩ/Km
- Inner conductor < 36 Ω/Km
- Screen < 8 Ω/Km
- 75 Ω ± 3
- 7000 Vcc x 1 min
- 79%
- 15° +70° C

NOMINAL ATTENUATION (dB/100 m)

1.0 MHz	0.75
3.6 MHz	1.50
10.0 MHz	2.40
71.5 MHz	6.50
135.0 MHz	9.10
270.0 MHz	13.10
360.0 MHz	15.30
540.0 MHz	19.20
720.0 MHz	22.70
750.0 MHz	23.20
1000.0 MHz	27.50
1500.0 MHz	35.40
2000.0 MHz	41.60
3000.0 MHz	52.80