



✓ installation ✓ halogen free ✓ FRNC ✓ RoHS ✓ REACH ✓ CE ✓ CPR

## 4K-HFV 4K-HFV

Video cable 75 Ohm, Ultra-HD

Order-No. 74H6028I04K

### Application / Description

For 4K-UHD transmissions in high resolution for professional areas. Our high quality video cables featuring a permanent, narrow-tolerated characteristic impedance. Our FRNC types match the regulations IEC 60332.3C as well as VDE 0472 Teil 813/815/816.



### Variant data

Type	HFV 0.6 / 2.8 mm AF UHD-4K FRNC
O.D.	approx. 4,50 mm
weight	30,0 kg/km
Cu-weight	19,0 kg/km

### Construction / video

Conductor	bare Conductor
Structure of conductor	1 x 0,60 mm
Core-Ø	approx. 2,80 mm
Core insulation	Cell-PE
Overall shield	2 x AL-Foil + tinned copper braid
Outer jacket	FRNC

### More information

Connection-type	NBNC 75 BFG 7
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### Technical characteristics

Temperature range	-20 °C to +80 °C
Bending radius	> 8 x O.D.
Operating capacity (C/C)	approx. 56 pF/m
Characteristic impedance	75 Ohm +/- 2 Ohm

## Attenuation

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1,0 Mhz Mhz: approx. ca. 1,1 db/100m db/100m  
10 Mhz Mhz: approx. ca. 3,7 db/100m db/100m  
100 Mhz Mhz: approx. ca. 10,2 db/100m db/100m  
500 Mhz Mhz: approx. ca. 23,4 db/100m db/100m  
1000 Mhz Mhz: approx. ca. 34,4 db/100m db/100m  
2250 Mhz Mhz: approx. ca. 53,1 db/100m db/100m  
3000 Mhz Mhz: approx. ca. 61,8 db/100m db/100m  
4500 Mhz Mhz: approx. ca. 82,0 db/100m db/100m  
5000 Mhz Mhz: approx. ca. 86,8 db/100m db/100m

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max. transfer size      3 Gb/s = 110 m  
                                 6 GB/s = 70 m  
                                 12GB/s = 50 m

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Reaction to fire CPR      Eca

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## Packaging

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### Rings, Reels

Lower and upper lengths according to availability. Special packaging on request.

## Add-on information

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Our data for possible transmission lengths were inspected by an independent institute. Result: Our measurements were confirmed and/or even exceeded! Please note that these data refer to laboratory conditions. For practical installations please calculate with a security reserve up to 20%. For further details please contact us or the RBT GmbH in Nürnberg.

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