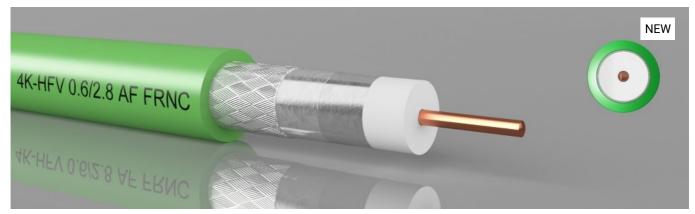


quality at the highest level



✓ 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

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

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	
	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
max. transfer size	3 Gb/s = 110 m
	6 GB/s = 70 m
	12GB/s = 50 m
Reaction to fire CPR	Eca

Packaging

Rings, Reels

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

Add-on information

Our data for possible transmission lengths were inspected by an independent institute. Result: Our measurements were con rmed and/or even excelled! 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.

© kabeltronik® Arthur Volland GmbH Mühlweg 6, 85095 Denkendorf Tel.: 08466 - 9404-0

E-Mail: info@kabeltronik.de

