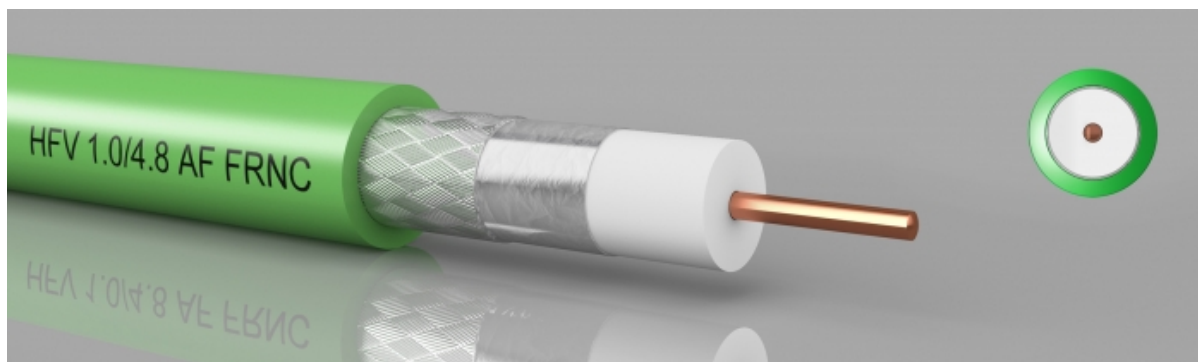


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Video-, coax- and triax-cables

HFV, Video cable 75 Ohm, HD-SDI



Application:

For HD-SDI / HDTV transmission in the professional area. Our highquality 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.

Construction:

	HFV 0.6/2.8 AF	HFV 1.0/4.8 AF	HFV 1.4/6.6 AF	HFV 1.6/7.3 AF
bare Conductor	1x0,60	1x1,0	1x1,4	1x1,6
Insulation	Cell-PE	Cell-PE	Cell-PE	Cell-PE
Core diameter (mm)	2,8	4,8	6,6	7,3
First shield	al-foil	al-foil	al-foil	al-foil
Second shield	copper braid	copper braid	copper braid	copper braid
Jacket	PVC / FRNC-C	FRNC-C	FRNC-C	FRNC-C
Stecker				
- Push Pull	NBNC 75 PFE 7	NBNC 75 PTS 11		
- Rear Twist	NBNC 75 BFG 7	NBNC 75 BUU 11	NBNC 75 BSX 14	NBNC 75 BVZ 17

Technical characteristics:

Characteristic impedance (Ohm)	75 +/-1%	75 +/-1%	75 +/-1%	75 +/-1%
attenuation (db/100m)				
1 MHz:	1,2	0,8	0,5	0,3
10 MHz:	3,5	2,1	1,5	1,3
100 MHz:	10,5	6,2	4,8	4,5
500 MHz:	24,5	14,8	12,0	11,0

800 MHz:	31,5	18,5	16,0	14,6
1000 MHz:	35,5	20,5	17,5	16,0
2250 MHz:	54,0	32,0	28,0	25,0
Capacity (pF/m)	56	56	56	56
max. transfer size				
SDI	225m	360m	490m	540m
HDTV 1.5Gb/s	100m	150m	200m	230m
HDTV 3.0Gb/s	70m	95m	150m	170m

Packaging:

rings, reels

Important product information

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

Product range

HFV, Video cable 75 Ohm, HD-SDI				
Order no.	Type	O.D. (ca. mm)	weight (kg/km)	co.-weight (kg/km)
7406028S0	HFV 0.6/2.8 AF PVC	4,5	30	15,0
74H6028I0	HFV 0.6/2.8 AF FRNC	4,5	30	15,0
7410H4800	HFV 1.0/4.8 AF FRNC	7,0	75	37,0
7414H66I0	HFV 1.4/6.6 AF FRNC	9,2	104	55,0
7416H73I0	HFV 1.6/7.3 AF FRNC	10,3	148	67,0