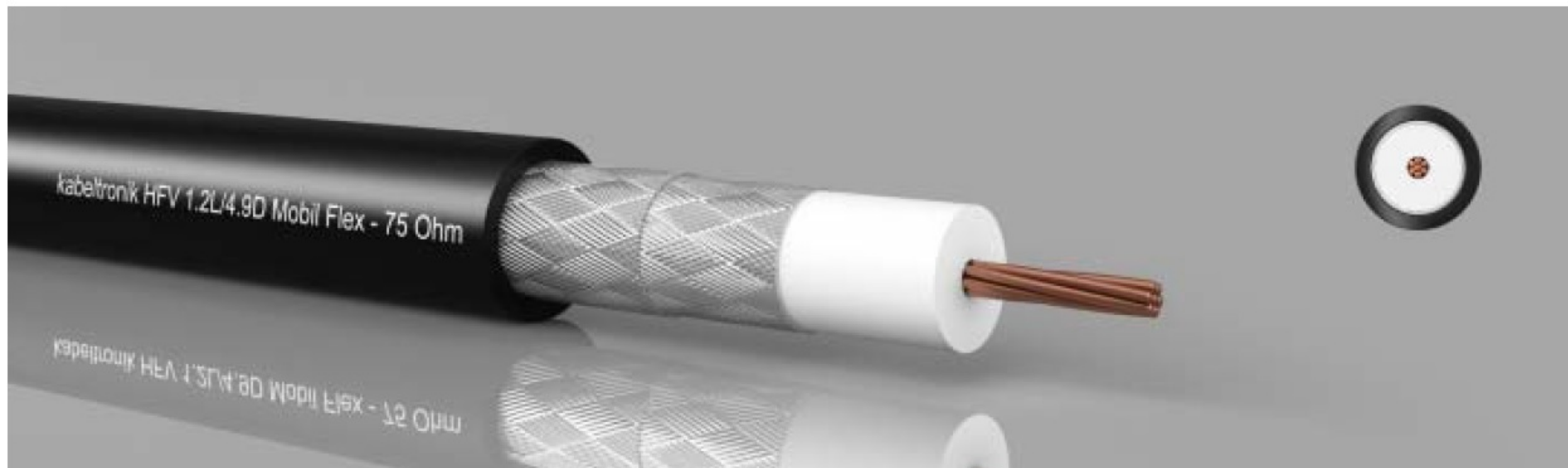


Video-, coax- and triax-cables

HFV Mobil, Video Flex 75 Ohm, HD-SDI



Application:

Flexible HDTV-SDI videocable for mobile using in the professional area. The PUR version is mechanical rugged and therefore for hard field working predestinated. Both versions are screened with a double copper braid and UV resistant.

Construction:

Conductor:	bare stranded copper wire
Structure of conductor:	7x0,40mm
Insulation:	Cell-PE, Skin
1. Screen:	tinned Co-braid - opt. coverage > 95%
2. Screen:	tinned Co-braid - opt. coverage > 90%
Outer jacket:	PVC bzw. PUR, black

Technical characteristics:

Characteristic Impedance:	75 Ohm +/-3%
Capacity:	54 pF/m
Velocity of propagation:	86%
Screening attenuation:	> 92 dB
DC resistance:	Inner conductor: 19 Ohm/km Outer conductor: 5 Ohm/km
Attenuation: (dB/100m)	1 MHz: 0,6 10 MHz: 2,2 100 MHz: 7,0

	200 MHz: 9,9	
	500 MHz: 15,8	
	1000 MHz: 22,6	
	1500 MHz: 27,9	
	2050 MHz: 33,9	
	2400 MHz: 37,9	
	3000 MHz: 41,9	
Return loss:	50-900 MHz: > 30 dB	
	900-2150 MHz: > 26 dB	
	2150-3000 MHz: > 22 dB	
Transfer size: (please calculate up to 20% security stock, wherever the place of installation will be.)	HDTV 1,5 Gb/s: max. 95m	
	HDTV 3,0 Gb/s: max. 65m	
	Temperature range:	static: -20°C up to + 70°C
	(PVC)	
	dynamic: -5°C up to + 70°C (PVC)	
	static: -35°C up to + 75°C (PUR)	
	dynamic: -15°C up to + 75°C (PUR)	
Bending radius:	static: min. 10 x D	
	dynamic: min. 12 x D	
Type of connector:	NBNC75BWU13	

Packaging:

reels, cutting length

Product range

HFV Mobil, Video Flex 75 Ohm, HD-SDI				
Order no.	dimension	O.D. (ca. mm)	weight (kg/km)	co.-weight (kg/km)
HFV 1.2L/4.9D Mobil Flex				
741204900	1.2L/4.9D	7,1	72	56,0
HFV 1.2L/4.9D Mobil PURFlex				
7412P4900	1.2L/4.9D	7,1	74	56,0