



### HD-SDI - multichannel video cable

#### 7 x 0.6/2.8 AF - outdoor - PUR

- 7-fold digital video
- double shielding (100% foil + 90% braid)
- not suitable for mobile HD-SDI use
- robust PUR overall jacket

PUR

UHD

12GSDI

A multi-coaxial cable particularly for the outdoor broadcasting of analog and digital video signals in data and television engineering. Signal distributions and return signals can be managed with only one cable from our multi-channel construction series. Particularly durable and flexible even under low temperature conditions due to the PUR outer jacket.

#### construction

inner conductor	solid bare copper, $\varnothing$ 0.60 mm
insulation	Foam-Skin PE, gas injected, $\varnothing$ 2.8 mm
shielding	AL/PET/AL double-layer foil + tinned copper braid (92% coverage)
element jacket	PVC, low-temperature-flexible, $\varnothing$ 4.5 mm
colours of elements	red, green, blue, black, white, yellow and orange
outer jacket	PUR
overall diameter	16.5 mm

#### mechanics

working temperature	-40°C / +85°C
min. bending radius	130 mm

#### electric

characteristic impedance	75 $\Omega \pm 1\%$
capacity	56 pF/m
velocity of propagation	81 %
attenuation [dB/100m]	
1 MHz	1.2
5 MHz	2.7
10 MHz	3.8
100 MHz	10.8
135 MHz	12.4
200 MHz	15.0
270 MHz	17.5
500 MHz	24.2
750 MHz	29.6
1000 MHz	34.7
1500 MHz	42.6
3000 MHz	61.7
return loss	
30 - 300 MHz	> 25 dB
300 - 1500 MHz	> 23 dB
1500 - 3000 MHz	> 21 dB

order code	ref. type	cable color	weight kg/m
VD7062SP	VM7X75P	green	0.27

technical specifications are subject to change