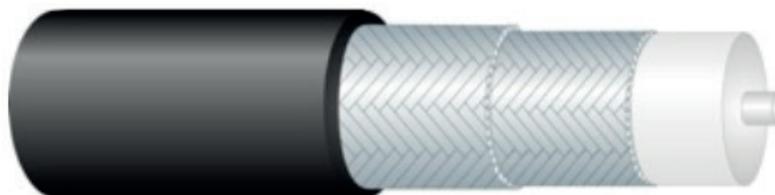




Product Data Sheet

Percon VK 880 Silver+ UNG-4K Black - 500m

Description



Silver+ Coaxial video cable for digital applications. Can carry serial data interface (SDI) and high definition television formats (HDTV) according to SMPTE 259M (270Mbps), ITU-R BT.601 (composite PAL at 177Mbps), SMPTE 292M (1,5Gbps), SMPTE 424M (Prog. Scan. HDTV/3G-SDI), SMPTE ST2081 (QFHD) & SMPTE ST2082 (UHD-1). It is also used for analogue critical circuits. Perfect for installations in environments with interferences (power cables, transformers, electronic light controls (dimmers) or mobile phones) due to the high depth of penetration, the low transference impedance and the minimum DC resistance of its double shield (tinned copper braid 95%) that increases the reflections of the electric fields as well as the absorption of the magnetic fields, offering an attenuation over 90 dB before high, medium and low-frequency electromagnetic signals.

Available in reel size of 500m.

Product	SKU
PERCON VK 880 SILVER+ UNG-4K BLACK - 500M	AB-00-005



Product Data Sheet

Percon VK 880 Silver+ UNG-4K Black - 500m

Technical Specification

VK 780 Silver+ UNG-4K Black, 500m Specification	
Conductor	Electrical Properties
Solid Bare Electrolytic High Conductivity Silver Plated Copper (EHC CuAg) AWG 15	Velocity of propagation %: 82,1175
Insulation	Nominal Delay ns/m: 4,05516
Foam High Density FHDPE+ (GAS INJECTED+)	Nominal Impedance: $75 \pm 0,75 \Omega$
IEC 708	Nominal Capacitance PF/m: 52,0633
Shields (2 shields)	Max. Operation Voltage: 400
First Shield: Tinned copper Braid UNE 21-011	Nominal inductance $\mu\text{H}/\text{m}$: 0,31991
Second Shield: Tinned copper Braid UNE 21-011	Conductor DC resistance Ω/Km : 9,78271
General Jacket	Shield DC resistance Ω/Km : 7,0731
\varnothing 9.40 mm	Cable Characteristics
	Weight (Kg/Km): 130
	Colours: Black

Attenuation

Freq (Mhz)	dB/100m
1	0,278
10	0,915
100	3,969
200	5,816
300	7,285
500	9,643

Freq (Mhz)	dB/100m
800	12,531
1500	17,830
2250	22,451
3000	26,354
4000	30,431
4500	32,276



Product Data Sheet

Percon VK 880 Silver+ UNG-4K Black - 500m

Attenuation

Freq (Mhz)	dB/100m
5000	34,022
6000	37,269

Freq (Mhz)	dB/100m
12000	52,706
18000	64,551

Electrical Data

Minimum STRUCTURAL RETURN LOSS (SRL)	
Sweep	dB
50Mhz – 300Mhz	>30
300 Mhz – 3000 Mhz	>25
3000Mhz – 3500Mhz	>19
3500Mhz – 6000Mhz	>18