

Temperature range

-30° C to +70° C

hielding Tinned Copper Braiding % 90 uter Jacket Pvc Compound uter Diameter 12,7mmø able Weight 154 Kg/Km ELECTRICAL DATA C resistance <9,5 Ω/km (Inner conductor) <4,5 Ω / km (Shield) lutual capacitance 56 pF / m elocity of Propagation 78% haracteristic Impedance 75 Ω ± 1 creening factor ≥ 100 dB lax. Operating Voltage 300 ∨ Rms	nner conductor		7x0.75 mm ø Silvered Bare Copper	
Shielding Tinned Copper Braiding % 90 Outer Jacket Pvc Compound Outer Diameter 12,7mmø Cable Weight 154 Kg/Km ELECTRICAL DATA Pvc Compound DC resistance < 9,5 Ω/km (Inner conductor) Mutual capacitance 56 pF / m Velocity of Propagation 78% Characteristic Impedance 75 Ω ± 1 Screening factor ≥ 100 dB Max. Operating Voltage 300 ∨ Rms Frequency (MHz) Attenuation(db /100 Mt) Frequency (MHz) (dB) 750 1,8 50 − 300 ≥ 26 1500 1,6 300 − 3000 ≥ 22 2250 5,3 3000 − 3500 ≥ 18 3000 7,6 3500 −6000 ≥ 15 6000 9,3 6000 −12000 ≥ 15 9000 12,3 9000 12,3 10000 15,8 15 15	Insulation		9,7 mm ø Gas-injected foam	
Outer Jacket Pvc Compound Outer Diameter 12,7mmφ Cable Weight 154 Kg/Km ELECTRICAL DATA DC resistance < 9,5 Ω/km (Shield)	Shielding		Aluminum Foil % 100	
Outer Diameter 12,7mmø Cable Weight 154 Kg/Km ELECTRICAL DATA DC resistance < 9,5 Ω/km (Inner conductor) < 4,5 Ω / km (Shield)	Shielding		Tinned Copper Bra	iding % 90
Cable Weight 154 kg/km ELECTRICAL DATA DC resistance < 9,5 Ω/km (Inner conductor) < 4,5 Ω / km (Shield) Mutual capacitance 56 pF / m Velocity of Propagation 78% Characteristic Impedance 75 Ω ± 1 Screening factor ≥ 100 dB Max. Operating Voltage 300 V Rms Frequency (MHz) Attenuation(db /100 Mt) Frequency (MHz) (dB) 750 1,8 50 – 300 ≥ 26 1500 1,6 300 – 3000 ≥ 22 2250 5,3 3000 – 3500 ≥ 18 3000 7,6 3500 – 6000 ≥ 15 6000 9,3 6000 – 12000 ≥ 15 9000 12,3 10000 15,8	Outer Jacket		Pvc Compound	
Screening factor Screening Voltage Scr	Outer Diameter		12,7mmø	
Screening factor Screening Voltage Solution Screening factor Screening Voltage	Cable Weight		154 Kg/Km	
Mutual capacitance S6 pF / m	ELECTRICAL DATA			
Velocity of Propagation 78% Characteristic Impedance 75 Ω ± 1 Screening factor ≥ 100 dB Max. Operating Voltage 300 ∨ Rms Frequency (MHz) Attenuation(db /100 Mt) Frequency (MHz) (dB) 750 1,8 50 − 300 ≥ 26 1500 1,6 300 − 3000 ≥ 22 2250 5,3 3000 − 3500 ≥ 18 3000 7,6 3500 −6000 ≥ 15 6000 9,3 6000 −12000 ≥ 15 9000 12,3 10000 15,8	DC resistance			
Characteristic Impedance 75 Ω ± 1 Screening factor ≥ 100 dB Max. Operating Voltage 300 ∨ Rms Frequency (MHz) Attenuation(db /100 Mt) Frequency (MHz) (dB) 750 1,8 50 − 300 ≥ 26 1500 1,6 300 − 3000 ≥ 22 2250 5,3 3000 − 3500 ≥ 18 3000 7,6 3500 −6000 ≥ 15 6000 9,3 6000 −12000 ≥ 15 9000 12,3 10000 15,8	Mutual capacitance			
Screening factor ≥ 100 dB Max. Operating Voltage 300 ∨ Rms Frequency (MHz) Attenuation(db /100 Mt) Frequency (MHz) (dB) 750 1,8 50 – 300 ≥ 26 1500 1,6 300 – 3000 ≥ 22 2250 5,3 3000 – 3500 ≥ 18 3000 7,6 3500 – 6000 ≥ 15 6000 9,3 6000 – 12000 ≥ 15 9000 12,3 10000 15,8	Velocity of Propagation	on	78%	
Max. Operating Voltage 300 ∨ Rms Frequency (MHz) Attenuation(db /100 Mt) Frequency (MHz) (dB) 750 1,8 50 – 300 ≥ 26 1500 1,6 300 – 3000 ≥ 22 2250 5,3 3000 – 3500 ≥ 18 3000 7,6 3500 – 6000 ≥ 15 6000 9,3 6000 – 12000 ≥ 15 9000 12,3 10000 15,8	Characteristic Impeda	nce	75 Ω ± 1	
Frequency (MHz) Attenuation(db /100 Mt) Frequency (MHz) (dB) 750 1,8 50 - 300 ≥ 26 1500 1,6 300 - 3000 ≥ 22 2250 5,3 3000 - 3500 ≥ 18 3000 7,6 3500 -6000 ≥ 15 6000 9,3 6000 - 12000 ≥ 15 9000 12,3 10000 15,8	Screening factor		≥ 100 dB	
750 1,8 50 − 300 ≥ 26 1500 1,6 300 − 3000 ≥ 22 2250 5,3 3000 − 3500 ≥ 18 3000 7,6 3500 −6000 ≥ 15 6000 9,3 6000 −12000 ≥ 15 9000 12,3 10000 15,8	Max. Operating Volta	ge	300 V Rm	s
1500 1,6 300 − 3000 ≥ 22 2250 5,3 3000 − 3500 ≥ 18 3000 7,6 3500 −6000 ≥ 15 6000 9,3 6000 −12000 ≥ 15 9000 12,3 10000 15,8	Frequency (MHz)	Attenuation(db /100 Mt)	Frequency (MHz)	(dB)
2250 5,3 3000 − 3500 ≥ 18 3000 7,6 3500 −6000 ≥ 15 6000 9,3 6000 −12000 ≥ 15 9000 12,3 10000 15,8	750	1,8	50 – 300	≥ 26
3000 7,6 3500 −6000 ≥ 15 6000 9,3 6000 −12000 ≥ 15 9000 12,3 10000 15,8	1500	1,6	300 – 3000	≥ 22
6000 9,3 6000 −12000 ≥ 15 9000 12,3 10000 15,8	2250	5,3	3000 – 3500	≥ 18
9000 12,3 10000 15,8	3000	7,6	3500 –6000	≥ 15
10000 15,8	6000	9,3	6000 –12000	≥ 15
, and the second se	9000	12,3		
12000 22	10000	15,8		
	12000	22		
	Minimum bending radius		5x D (D= outer diameter)	

APPLICATION

Made for use in professional broadcast television systems, these 75 ohm video cables also have a range of studio applications for the transmission of video content. They are designed to help achieve digital and analogue designed to liney active vigitar and analogue signal quality and are suitable for 12Gbit/s, 4K (SMPTE 2082) and UHD, as well as Composite, Component, SDI, SDV, SDTI and HDTV (1080i, 720p, 1080p).







