

ISOMED II – VIDEO ISOLATION AMPLIFIER



Technical Data – ISOMED 1-Channel BNC (Composite)

General	
Weight	1,45 Kg
Size	240x157x48mm
Utilization category	„B“
Class of protection	IP 30



Power supply unit	Supply voltage	230V AC 50/60 Hz	
	Power consumption	7,2 VA	
Video	Video input channels	Input impedance	75 Ohm
		Input voltage	1,0 Vss
		Coupling	AC
Video output channels	Output impedance	75 Ohm	
	Amplification	1 at 75 Ohm	
	Coupling	AC	
	Delay	60 ns	
Isolation	Frequency response	20Hz to 9MHz (-3dB)	
	Creepage distance	8 mm	
	Dielectric strength	4000 V	

ISOMED II – VIDEO ISOLATION AMPLIFIER



Technical Data – ISOMED 1- Channel SVHS (S-Video)

General	
Weight	1,45 Kg
Size	240x157x48mm
Utilization category	„B“
Class of protection	IP 30



Power supply unit	Supply voltage	230V AC 50/60 Hz	
	Power consumption	7,2 VA	
Video	Video input channels	Input impedance	75 Ohm
		Input voltage	1,0 Vss
		Coupling	AC
	Video output channels	Output impedance	75 Ohm
		Amplification	1 at 75 Ohm
		Coupling	AC
		Delay	60 ns
	Frequency response	20Hz to 9MHz (-3dB)	
Isolation	Creepage distance	8 mm	
	Dielectric strength	4000 V	

ISOMED II – VIDEO ISOLATION AMPLIFIER

Technical Data – ISOMED 1- Channel SDI (High Definition – all kinds)

<u>General</u>	
Weight	1,45 Kg
Size	240x157x48mm
Utilization category	„B“
Class of protection	IP 30



<u>Power supply unit</u>	Supply voltage	230V AC 50/60 Hz	
	Power consumption	7,2 VA	
<u>Video</u>	Video input channels	Input impedance	75 Ohm
		Input voltage	0,8 Vss
		Coupling	AC
Video output channels	Output impedance	75 Ohm	
	Amplification	1 at 75 Ohm	
	Coupling	AC	
	Delay	60 ns	
Isolation	Frequency response	2GHz (-4dB)	
	Creepage distance	8 mm	
	Dielectric strength	4000 V	

ISOMED II – VIDEO ISOLATION AMPLIFIER

Technical Data – ISOMED 2- Channel SVHS (S-Video and YC)

General	
Weight	1,8 Kg
Size	340x157x48mm
Utilization category	„B“
Class of protection	IP 30



Power supply unit	Supply voltage	230V AC 50/60 Hz	
	Power consumption	7,2 VA	
Video	Video input channels	Input impedance	75 Ohm
		Input voltage	1,0 Vss
		Coupling	AC
Video output channels	Output impedance	75 Ohm	
	Amplification	1 at 75 Ohm	
	Coupling	AC	
	Delay	60 ns	
	Frequency response	20Hz to 9MHz (-3dB)	
Isolation	Creepage distance	8 mm	
	Dielectric strength	4000 V	

Switch channel	
Switch channel input	Relay input switching to ground (5mA)
Switch channel output	Relay contact, normally open contact

ISOMED II – VIDEO ISOLATION AMPLIFIER

<u>RS232</u>		
Input	D-Sub9-pin connector Baud rate	1:1 cable
Output	D-Sub9-pin socket	Null modem
Isolation	Creepage distance Dielectric strength	8 mm 4000 V
PIN-assignments	RXD, TXD, CTS, RTS, DTR, DST	

ISOMED II – VIDEO ISOLATION AMPLIFIER

Technical Data – ISOMED 4- Channel BNC (RGB and Sync-video signals)

General	
Weight	1,8 Kg
Size	340x157x48mm
Utilization category	„B“
Class of protection	IP 30



Power supply unit	Supply voltage	230V AC 50/60 Hz	
	Power consumption	7,2 VA	
Video	Video input channels	Input impedance	75 Ohm
		Input voltage	1,0 Vss
		Coupling	AC
Video output channels	Output impedance	75 Ohm	
	Amplification	1 at 75 Ohm	
	Coupling	AC	
	Delay	60 ns	
	Frequency response	20Hz to 9MHz (-3dB)	
Isolation	Creepage distance	8 mm	
	Dielectric strength	4000 V	

Switch channel	
Switch channel input	Relay input switching to ground (5mA)
Switch channel output	Relay contact, normally open contact

ISOMED II – VIDEO ISOLATION AMPLIFIER

<u>RS232</u>		
Input	D-Sub9-pin connector Baud rate	1:1 cable
Output	D-Sub9-pin socket	Null modem
Isolation	Creepage distance Dielectric strength	8 mm 4000 V
PIN-assignments	RXD, TXD, CTS, RTS, DTR, DST	