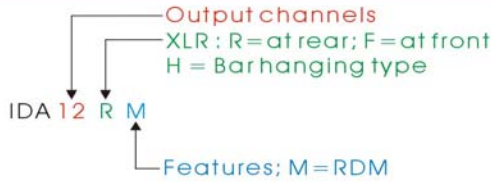


Isolated DMX Distribution Amplifier

IDA 6 series 1x Input and 6x Outputs
 IDA12 series 1x Input and 12x Outputs



IDA 6F



IDA 12F



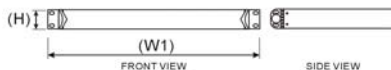
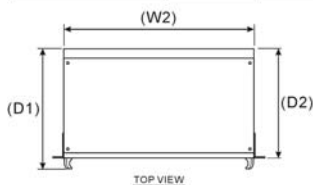
IDA 6R



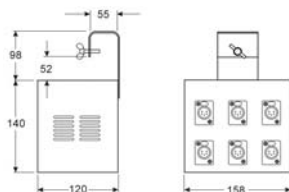
IDA 12R



W1 / W2	H	D1 / D2
484 / 435 mm	44 mm	275 / 250 mm



IDA6H
Bar hanging type



The IDA is a 6 or 12 ways opto-isolated DMX distribution amplifier amplifies the DMX signal and every output can carry 32 devices in daisy-chain connection. The built-in signal LED can show the DMX signal healthiness at particular

Mechanical Data

Construction	Rigid aluminium alloy extrusion front panel, Chassis made of steel sheet construction.
Paint / finish	Black anodized front panel, steel chassis coated with black epoxy-polyester powder paint.
Mounting	19", 1U standard rack mounting, detachable mounting brackets.
Handle	Engineering plastic handles.

Electrical Data

Model	IDA6 series	IDA12 series
Power input	100-240VAC / 0.8Amp	100-240VAC / 0.8Amp
Frequency	47Hz ~ 63 Hz	47Hz ~ 63 Hz
DMX input	XLR 5-pin male input & XLR 5-pin female loop-out	XLR 5-pin male input & XLR 5-pin female loop-out
DMX output	XLR 5-pin female x 6	XLR 5-pin female x 12
Channel protection	Opto-isolated input	Opto-isolated input
Transient Immunity	Logic high 200V/μs Logic low -500V/μs	Logic high 200V/μs Logic low -500V/μs

Operation Data

Input Signal	USITT DMX512-A; models-M: DMX512-A +RDM
Output Signal	USITT DMX512-A; models-M: DMX512-A +RDM
LED status indicators	Red=power / Green=signals

Environmental Data

Operation humidity	5-95% non-condensing
Operation temperature	0-40°C (32-104°F)

Ordering Information

IDA 6F	B710
IDA 6FM	B7A0
IDA 6R	B720
IDA 6RM	B7G0
IDA 6H	B730
IDA 12F	B7C0
IDA 12R	CE70

Standards

CE LVD directives	EN60439-1; EN60439-2; EN60950-1
CE EMC directives	EN61000-6-3 (superseded EN50081-1:1992) EN61000-6-1 (superseded EN50082-1:1997) EN55014-1; EN55015:2006+A1; IEC 61000-2-2

Physical Data

Model	IDA 6	IDA 12	IDA 6H
Net weight	3.0 kg	3.1 kg	2.4 kg
Gross weight	3.8 kg	3.9 kg	3kg
Packing size	W / D / H 590*410*140	W / D / H 590*410*140	W / D / H 374*320*193

Macostar reserves the right to change the specification without prior notice.
 Macostar International Ltd: MATCH-IDA- DATA - V1.6 -27 Jun 2011