Dual Purpose Rackmountable or Standalone Protocol Independent ATM Media Converters

Alloy's ACR series are designed for use either as standalone Media Converters, or can be installed as Media Converter Modules in an Alloy DCR12 series 12-slot Media Converter Chassis.

The ACR series is a comprehensive family of Protocol Independent ATM Converters, offering solutions for a wide variety of media conversion applications.

All models support conversion between multimode and single mode fibre. Multimode distances are limited to 2km and single mode distances vary from 15 to 80Km depending on the model.

All GCR models provide complete data security through the use of fibre optic cable connectivity. All models in the range are housed in compact, rugged all metal case.

Alloy provides flexible options for powering ACR series Converters. Used in standalone mode, all models

in the range are powered by plug pack. Optionally, Converters can be powered by a Self Powering Cable which provides power from the PS/2 keyboard port of a computer or notebook, or by using an Internal Power Adapter Card, which, when installed in a PC, provides power connectivity in a rear slot of the PC to provide power. Use one of these options if you need to use a Converter with a notebook, or don't have a mains power outlet available for a plug pack.



Alloy ARC Series

Other Alloy Media Converters

ACR Protocol Independent ATM Converters are part of a wider range of Ethernet, Fast Ethernet, Gigabit Ethernet, and Serial Comms Media Converters.

Dual Purpose Converters

ACR Series Converters can be used as standalone devices, or installed in Alloy DCR12Series 12-slot Media Converter Chassis

Supported Connector Types

All ACR Series Converters support SC fibre terminations.

Flexible Power Options

All ACR Series Converters are supplied with a plugpack for mains power. Alternatively, options are available to power these devices from a PC or SUN computer PS/2 port, or from a PC's internal power supply.



Alloy Computer Products (Australia) Pty. Ltd. 4/585 Blackburn Rd, Notting Hill, Victoria 3168 T: +61 3 8562 9000 F: +61 3 9561 7412

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ACR Gigabit Ethernet Converter Family - Key Features

- ✓ Dual purpose design use 'Standalone" or install Converter Modules in an Alloy DCR12 Media Converter Chassis
- ✓ Fibre range up to 80 kilometres
- ✓ Rugged, compact all metal case
- ✓ Flexible Converter power options
- ✓ Protocol Independent ATM multimode to single mode fibre

Technical Specifications

	ARC Converters						
	155SC	155SC.S40	155SC.S60	622SC	622SC.S40	622SC.S60	622SC.S80
Supported Media	Multimode to Single Mode						
Speed	Up to 155 M	bps		Up to 622 Mbps			
Protocol	ATM: OC-3/ STM-1	ATM: OC-3/ STM-1	ATM: OC-3/ STM-1	ATM: OC-12/ SONET/ SDH	ATM: OC-12/ SO- NET/SDH	ATM: OC-12/ SONET/ SDH	ATM: OC-12/ SO- NET/SDH
	Ethernet: 100Mbps						
Connector Types	SC						
Maximum Range	MM Fibre: 2Km						
	SM Fibre: 20Km	SM Fibre: 40Km	SM Fibre: 60Km	SM Fibre: 15km	SM Fibre: 40km	SM Fibre: 60km	SM Fibre: 80km
Wave- length	1310(nm) -						
Min. TX Output (dBM)	MM Fibre: -20dB SM Fibre: -5 dB			MM Fibre: -19dB SM Fibre: -14 dB	-		
Sensitivity (dBm)	MM Fibre: -31dB SM Fibre: -35 dB	MM Fibre: -31dB SM Fibre: -34 dB	MM Fibre: -31dB SM Fibre: -35 dB	MM Fibre: -26dB SM Fibre: -28 dB	-		
Power Require- ment	1A@+5VDC						
Ambient Temp.	0° to 50° C						
Humidity	5% to 90%	5% to 90%	5% to 90%	5% to 90%	5% to 90%	5% to 90%	5% to 90%
Dimen- sions	26.2(H) x 70.3(W) x 94(D) mm						
Weight	225 grams						
Diagnostic LED's	PWR, MM: SD, SM: SD						
Compli- ance	FCC Part 15 Class A, CE Mark, C-Tick						