ECR Series Ethernet Media Converters

Dual Purpose Rackmountable or Standalone Ethernet Media Converters

Alloy ECR series Ethernet Media Converters are designed for use either as a standalone device, or can be installed in an Alloy DCR12 series 12-slot Media Converter Chassis system.

The ECR series comprises four models, providing media conversion options for RJ-45 to BNC (thin coax), RJ-45 to fibre optic (multimode, half/full duplex operation, ST fibre termination), RJ-45 to fibre optic (multimode, half/full duplex operation, SC fibre termination) and RJ-45 to fibre optic (singlemode, half/full duplex operation, ST fibre termination). All models in the range are housed in compact, rugged all metal case.

Alloy provides flexible options for powering ECR series Converters. Used in standalone mode, all models in the range can be powered by plugpack. Alternatively, Converters can be powered by a Self Powering Cable which provides power from the PS/2 keyboard port of a computer or notebook (PC and Sun version available), or by using an Internal Power Adapter Card, which, when installed in a PC, provides a port 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 plugpack.

Alloy ECR series Ethernet Converters provide cost effective, high performance communication links for connecting UTP and thin coax or fibre optic Ethernet network segments.

Wide Range of Ethernet Media Converters

ECR Series includes UTP to BNC Thin Coax, UTP to mutimode Fibre ST, UTP to mutimode Fibre SC and UTP to singlmode Fibre ST models.

Other Alloy Media Converters

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

Dual Purpose Converters

ECR Series Ethernet Converters can be used either as standalone devices, or installed in Alloy DCR12 Series 12-slot Media Converter Chassis.

Supported Cable Types

ECR Series Ethernet Converters support RJ-45, SC, and ST cable connectors.

Flexible Power Options

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

ECR10ST – UTP to Multimode Fibre (ST) Ethernet Converter

Technical Specifications

Converter Model			
	ECR10R	ECR10ST	ECR10SC	ECR10ST.S
Supported Media	UTP/STP to RG58 A/U	UTP/STP to Multimode fibre	UTP/STP to Multimode fibre	UTP/STP to Singlemode fibre
Speed (Mbps)	10	10	10	10
Connector Types	RJ-45 to BNC	RJ-45 to ST	RJ-45 to ST	RJ-45 to SC
Maximum Range	UTP/STP: 100m	UTP/STP: 100m	UTP/STP: 100m	UTP/STP: 100m
	BNC: 185m	Fibre: 2Kms	Fibre: 2Kms	Fibre: 20Kms
Duplex Mode	UTP: Full/Half	UTP: Full/Half	UTP: Full/Half	UTP: Full/Half
	RG58: Half	Fibre: Full/Half	Fibre: Full/Half	Fibre: Full/Half
Wavelength (nm)	N/A	850	850	1310
Min. TX Output (dBm)	N/A	-16	-16	-27
Sensitivity (dBm)	N/A	-29.5	-29.5	-36
Power requirement	1A@+5V DC			
Ambient Temp.	0°C - 50°C			
Humidity	5% - 90%			
Dimensions	26.2(H) x 70.3(W) x 94(D) mm			
Weight:	225 grams			
Diagnostic LEDs	BNC ACT	UTP Link/ACT	UTP Link/ACT	UTP Link/ACT
	UTP Link/ACT	FL Link/ACT	FL Link/ACT	FL Link/ACT
	Collision	Collision	Collision	Collision
	Power	Power	Power	Power
Compliance	FCC Part 15 Class A	CE Mark	C-Tick	

Options

ECR10R	UTP to BNC Thin Coax Ethernet Converter
ECR10ST	UTP to multimode Fibre Optic (ST) Full/Half Duplex Ethernet Converter
ECR10SC	UTP to multimode Fibre Optic (SC) Full/Half Duplex Ethernet Converter
ECR10ST.S	UTP to singlemode Fibre Optic (SC) Full/Half Duplex Ethernet Converter
Power supply Options (alternatives to standard plugpack supplied with converter)	
SPC	Self Powering Cable (36cm) for Converters. PC PS/2 connector
SPC-L	Self Powering Cable (71cm) for Converters. PC PS/2 connector
SPC-S	Self Powering Cable (36cm) for Converters. SUN PS/2 connector
SPC-SL	Self Powering Cable (71cm) for Converters. SUN PS/2 connector
SPA-PCS	Internal PC Power Adapter Card & Cables for Converters

ECR Ethernet Converter Family - Key Features

- ✓ Dual purpose design – use 'Standalone" or install Converter Modules in an Alloy DCR12 Media Converter Chassis
- ✓ Ethernet RJ-45 to BNC Thin Coax model
- ✓ Ethernet RJ-45 to ST multimode model
- ✓ Ethernet RJ-45 to SC multimode model
- ✓ Ethernet RJ-45 to ST singlemode model
- ✓ Rugged, compact all metal case
- ✓ Flexible Converter power options