



# MEDIA CONVERTERS

Our fibre media converters are networking devices that enable you to connect two unique media types. Fibre media converters can modify duplex and speed settings.

By using media converters you can connect the older 10BASE-T networking equipment to more recent, up-to-date 100BASE-TX or 100BASE-FX Fast Ethernet infrastructure. Copper-to-fibre and fibre-to-fibre media converters are also possible; when this feature is used the product performs wavelength conversions by using Small Form Pluggable (SFP) transceivers that can transmit different wavelengths.

## KEY FEATURES

- Interconnect networks or network devices with different speeds, operation types, modes and media types
- Seamlessly integrate 10, 100 and 1000 10BASE-t, 100BASE-TX and 100BASE-FX
- Switch easily between different wiring systems without adding to your network repeater count
- Run links across greater distances by converting to fibre



## WHY US?

- ✓ All our products meet European standards
- ✓ We offer the best performance and guaranteed reliability
- ✓ Wide variety of copper-to-fibre and fibre-to-fibre media converters available
- ✓ Fully customisable and can be purchased bundled with an SFP, SFP+ or XFP



## AVAILABLE RANGE OF MEDIA CONVERTERS

### 10/100/100M

PART NUMBER	DESCRIPTION
CHMC-MM-8-00550DF102	10/100/1000, Dual Fibre, MM Media Converter, 850nm, 550m
CHMC-SF-3-10DF102	10/100/1000, Dual Fibre, SM Media Converter, 1310nm, 10km
CHMC-SF-3-20DF102	10/100/1000, Dual Fibre, SM Media Converter, 1310nm, 20km
CHMC-SF-3-40DF102	10/100/1000, Dual Fibre, SM Media Converter, 1310nm, 40km

### 10/100/1000M MANAGED MEDIA CONVERTER

PART NUMBER	DESCRIPTION
CHMMC-16GM-2U-100PWR	Managed Rack Chassis with two power supply
CHMMC-GC-100	Network Management Control Card (master)
CHMMC-GCX-100	Network Management Control Card (uplink)
CHMMC-MM-102-055	Managed 10/100/1000M Media Converter MM 550m standalone
CHMMC-MM-102-055C	Managed 10/100/1000M Media Converter MM 550m card
CHMMC-SFP-102	Managed 10/100/1000M Media Converter with SFP port standalone
CHMMC-SM--102-10	Managed 10/100/1000M Media Converter SM 10km standalone
CHMMC-SM--102-10C	Managed 10/100/1000M Media Converter SM 10km card

### 10/100/1000M SINGLE FIBRE (WDM)

PART NUMBER	DESCRIPTION
CHMC-MM055-10SM	1000M MM to SM Converter (550m to 10Km)
CHMC-MM2-20SM	100M MM to SM Converter (2Km to 20Km)
CHMC-SF-3-10SF102	10/100/1000M, Single Fibre, SM Media Converter, 10km, external power, 1310/1550nm



## AVAILABLE RANGE OF MEDIA CONVERTERS

### 10/100/1000M SINGLE FIBRE (WDM) CONTINUED

PART NUMBER	DESCRIPTION
CHMC-SF-3-20SF102	10/100/1000M, Single Fibre, SM Media Converter, 20km, external power, 1310/1550nm
CHMC-SF-3-40SF102	10/100/1000M, Single Fibre, SM Media Converter, 40km, external power, 1310/1550nm
CHMC-SF-5-10SF102	10/100/1000M, Single Fibre, SM Media Converter, 10km, external power, 1310/1550nm
CHMC-SF-5-20SF102	10/100/1000M, Single Fibre, SM Media Converter, 20km, external power, 1310/1550nm
CHMC-SF-5-40SF102	10/100/1000M, Single Fibre, SM Media Converter, 40km, external power, 1310/1550nm
CHMC-SFP-101	10/100Base-T to 1000Base-Sx/Lx with SFP slot
CHMC-SFP-102	10/100/1000Base-T to 1000Base-Sx/Lx with SFP slot
CHMC-SFP-SFP106	SFP-SFP Media Converter (can use 155M,1.25G,2.5G SFP module)
CHRM-MC-14D-100S	14 Slots Rack Chassis, Dual PS, Standalone MC
CHRM-MC-14S-100S	14 Slots Rack Chassis, Single PS, Standalone MC
CHRM-MC-16D-100C	16 Slots Rack Chassis, Dual PS, Card MC
CHRM-MC-16S-100C	16 Slots Rack Chassis, Single PS, Card MC

### 10/100M DUAL FIBRE

PART NUMBER	DESCRIPTION
CHMC-MM055-10SM	1000M MM to SM Media Converter (550m to 10Km)
CHMC-MM2-20SM	100M MM to SM Media Converter (2Km to 20Km)
CHMC-SF-3-10SF102	10/100/1000M, Single Fibre, SM Media Converter, 10km, external power, 1310/1550nm
CHMC-SF-3-20SF102	10/100/1000M, Single Fibre, SM Media Converter, 20km, external power, 1310/1550nm
CHMC-SF-3-40SF102	10/100/1000M, Single Fibre, SM Media Converter, 40km, external power, 1310/1550nm
CHMC-SF-5-10SF102	10/100/1000M, Single Fibre, SM Media Converter, 10km, external power, 1310/1550nm

## AVAILABLE RANGE OF MEDIA CONVERTERS

### 10/100M MANAGED MEDIA CONVERTER

PART NUMBER	DESCRIPTION
CHMMC-16M-2U-100PWR	Managed Rack Chassis with two power supply
CHMMC-CC-100	Network Management Control Card
CHMMC-MM-101DF-3M02MS	Managed 10/100M Media Converter MM 2Km standalone dual fibre
CHMMC-SM-101DF-3S20MS	Managed 10/100M Media Converter SM 20Km standalone dual fibre
CHMMC-SM-101DF-3S40MS	Managed 10/100M Media Converter SM 40Km standalone dual fibre
CHMMC-SM-101SF-3S20MSA	Managed 10/100M Media Converter SM 20Km standalone single fibre
CHMMC-SM-101SF-3S40MSA	Managed 10/100M Media Converter SM 40Km standalone single fibre

### 10/100M MANAGED MEDIA CONVERTER

PART NUMBER	DESCRIPTION
CH-MC-10G-SFP+	RJ45 to XFP/SFP+ 80km 10Gbps WDM

### 10/100M SINGLE FIBRE (WDM)

PART NUMBER	DESCRIPTION
CHMC-SM-3-20SF101	10/100M Single Fibre, SM Media Converter, 20km, external power 1310/1550nm
CHMC-SM-3-30SF101	10/100M Single Fibre, SM Media Converter, 30km, external power 1310/1550nm
CHMC-SM-3-50SF101	10/100M Single Fibre, SM Media Converter, 40km, external power 1310/1550nm
CHMC-SM-3-60SF101	10/100M Single Fibre, SM Media Converter, 60km, external power 1310/1550nm
CHMC-SM-3-80SF101	10/100M Single Fibre, SM Media Converter, 80km, external power 1310/1550nm
CHMC-SM-5-20SF101	10/100M Single Fibre, SM Media Converter, 20km, external power 1310/1550nm
CHMC-SM-5-30SF101	10/100M Single Fibre, SM Media Converter, 30km, external power 1310/1550nm



## AVAILABLE RANGE OF MEDIA CONVERTERS

### 10/100M SINGLE FIBRE (WDM) CONTINUED

PART NUMBER	DESCRIPTION
CHMC-SM-5-50SF101	10/100M Single Fibre, SM Media Converter, 40km, external power 1310/1550nm
CHMC-SM-5-60SF101	10/100M Single Fibre, SM Media Converter, 60km, external power 1310/1550nm
CHMC-SM-5-80SF101	10/100M Single Fibre, SM Media Converter, 80km, external power 1310/1550nm

### 1000M

PART NUMBER	DESCRIPTION
CHMC-MM-8-00550DF103	1000M, Dual Fibre, MM Media Converter, 850nm, 550m, external power
CHMC-SM-3-10DF103	1000M, Dual Fibre, SM Media Converter, 1310nm, 10km, external power
CHMC-SM-3-20DF103	1000M, Fibre, SM Media Converter, 1310nm, 20km, external power
CHMC-SM-3-40DF103	1000M, Fibre, SM Media Converter, 1310nm, 40km, external power

### 1000M SINGLE FIBRE (WDM)

PART NUMBER	DESCRIPTION
CHMC-CM-5-40SF103	1000M, Single Fibre, SM Media Converter, 40km, external power, 1310/1550nm
CHMC-SM-3-10SF103	1000M, Single Fibre, SM Media Converter, 10km, external power, 1310/1550nm
CHMC-SM-3-20SF103	1000M, Single Fibre, SM Media Converter, 20km, external power, 1310/1550nm
CHMC-SM-3-40SF103	1000M, Single Fibre, SM Media Converter, 40km, external power, 1310/1550nm
CHMC-SM-5-10SF103	1000M, Single Fibre, SM Media Converter, 10km, external power, 1310/1550nm
CHMC-SM-5-20SF103	1000M, Single Fibre, SM Media Converter, 20km, external power, 1310/1550nm



## AVAILABLE RANGE OF MEDIA CONVERTERS

### TWO UTP 10/100M DUAL FIBRE

PART NUMBER	DESCRIPTION
CHMC-MM-3-02DF302	Two UTP 10/100M Dual Fibre, MM Media Converter, 1310nm, 2km, external power
CHMC-SM-3-20DF302	Two UTP 10/100M Dual Fibre, SM Media Converter, 1310nm, 20km, external power

### TWO UTP 10/100M SINGLE FIBRE (WDM)

PART NUMBER	DESCRIPTION
CHMC-MM-3-02DF302	10/100M Single Fibre, SM Media Converter, 20km, external power 1310/1550nm
CHMC-SM-3-20DF302	10/100M Single Fibre, SM Media Converter, 20km, external power 1310/1550nm
CHMC-SM-3-20SF302	10/100M Single Fibre, SM Media Converter, 20km, external power 1310/1550nm
CHMC-SM-5-20SF302	10/100M Single Fibre, SM Media Converter, 20km, external power 1310/1550nm