

Media Converter Modules

Fast Ethernet 10/100Base-TX to 100Base-FX

Gigabit Ethernet 10/100/1000Base-TX to 1000Base-X

The CVT range of Media Converter modules provide a solution for all of your Ethernet conversion requirements (10/100/1000Mbps), converting twisted pair RJ45 cable into various fibre media including multi-mode, single mode, SC/ST/MTRJ connector, or bi-directional wdm (single fibre). Media Converters enable the traditional transmission distance of 100m over RJ45 copper to be extended to multiple km over fibre.



Features

- 'Set it and Forget it' Media Converter – easy to use
- 9K Bytes Jumbo Frame size support
- Link Alarm on copper and fibre ports
- Fully Compatible with CVT-RACK-16 chassis
- Diagnostic LED's
- Available models - MM/SM/CWDM/Single Fibre WDM

Specifications

Interface	CVT-100	CVT-2212SFP	CVT-3002-PLUS
TP Port – 10/100Base-TX, RJ45 x 1	✓	✓	✓
TP Port – 10/100/1000Base-TX, RJ45 x 1			✓
FO Port – 100Base-FX x 1	✓	✓	
FO Port – 1000Base-X x 1			✓
Standards			
IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX	✓	✓	✓
IEEE 802.3ab 1000Base-T			✓
IEEE 802.3z 1000Base-X			✓
IEEE 802.3x Flow Control	✓	✓	✓
LED			
Power, FDX, Status, speed, F/O Link/Act, TX Link/Act	✓	✓	✓
Power			
Power Adaptor – AC input: 100VAC-240VAC, 50-60Hz. DC Output 5V, 1.6A	2.5W	3W	3W
Environmental Conditions			
Operation: 0°C-50°C, Storage: -20°C-60°C, Humidity: 5% - 90% non-condensing	✓	✓	✓
Dimensions and Weight			
Size – 71 x 94 x 26 mm (WxDxH), Weight: 0.6KG	✓	✓	✓

Order Information

Model	Fibre Port				TP Port
	Speed	Fibre Type	Connector	Distance	Speed
CVT-100BTFC	100	MM	SC	2KM	10/100
CVT-100BTFT	100	MM	ST	2KM	10/100
CVT-100BTFC(SM-30/50/60/80/100)	100	SM	SC	30/50/60/80/100KM	10/100
CVT-100BTfMR	100	MTRJ	SC	2KM	10/100
CVT-100W2A(SM-20/40)	100	WDM	SC	20/40KM	10/100
CVT-100W2B(SM-20/40)	100	WDM	SC	20/40KM	10/100
CVT-2212SFP	100	-	-	-	10/100
CVT-3002BTFC-PLUS	1000	MM	SC	550M	10/100/1000
CVT-3002BTFC(SM-10/20/30/50/80)-PLUS	1000	SM	SC	10/20/30/50/80KM	10/100/1000
CVT-3002W2A(SM-10/20/40)-PLUS	1000	WDM	SC	10/20/40KM	10/100/1000
CVT-3002W2B(SM-10/20/40)-PLUS	1000	WDM	SC	10/20/40KM	10/100/1000
CVT-3002SFP-PLUS	1000	SFP	-	-	10/100/1000