

A nighttime photograph of a multi-lane highway with light trails from vehicles. A large, semi-transparent circular graphic is overlaid on the left side of the image. In the top right corner, there are three overlapping colored squares: dark blue, yellow, and orange. The text is positioned in the lower-left area of the image.

AVAILABLE MPX & CFO PRODUCTS

IP video networking and fibre optic real-time video transmission products

TELESTE

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V

Number of **video** channels + info from supported video

D

Number of **data** channels

A

Number of **audio** channels

C^c

Number of **contact closure** channels

E

Number of **Ethernet** ports / **Ethernet Bridge** channels

M_{gmt}

In-band configuration and management

SFP

Small form-factor pluggable transceiver

→

One-way/uni-directional (Tx -> Rx)

↔

Two-way/bi-directional (Tx <-> Rx)

MCC SERIES D1/4CIF 25/30FPS ENTRY LEVEL CODECS

MCC series encoders are ONVIF – compliant products.



MCE301:

- 1 x **V** HD 1080p 50/60fps
- or
- 1 x **V** D1/4CIF 25/30fps

H.264, MJPEG

MCC series – 1 channel stand-alone video encode

MCC series is an entry level H.264 codec family for basic video transmission/ networking systems. Stand-alone units are designed for dry indoor environments and have the operational temperature range of -10...+50°C / 14...122°F.

MCE301 is only for encoding purposes.

Unit support SD resolution composite video as minimum. For High Definition video operation specific models support HDMI and SDI digital interfacing.

Model has dual channel duplex audio, two serial data ports and I/O ports for sensor/alarm functions. The network interface is **10/100/1000Base-TX** with **PoE PD** ability.

Device management is based on WebUI with a possibility of a live video stream viewing and PTZ control. MCC series is **ONVIF** and **PSIA** compatible.

MCE301 – 1 channel stand-alone HD/SD video encoder

MCE301 PoE PD, 2 x audio, 2 x data, 2 x CC, HDMI & 3G/HD/SD-SDI support, 10/100/1000Base-Tx, quadruple streaming.

D_{x2} **A**_{x2} **C**_{x2} **E**_{x1}

MES SERIES MANAGED ETHERNET SWITCHES

MES series – 6 and 10 port Ethernet switches



MES106:

Local ports (10/100 TX) **E_{TX}_{x4}** Uplink ports (100/1000 FX) **E_{SFP}_{x2}**

MES110 & 210:

Local ports (10/100 TX) **E_{TX}_{x8}** Uplink ports (100/1000 FX) **E_{SFP}_{x2}**

MES series is line of managed Ethernet switches for video networking applications. The electrical local Fast Ethernet ports support full wire speed. Switches have two Uplink ports to cater either FE or GigE level SFP transceiver modules.

Cabling installations are made easy with the MDI/MDIX, auto-polarity and auto-mode supported 10/100Base-TX local ports. The Uplink interfaces, either one or two, support 100Base-FX or 1000Base-TX/FX SFPs (auto-recognition).

MES switches have support for features such as IGMP snooping, multiple VLAN features, QoS and security functions and a high network resiliency based on STP/RSTP/FRNT protocols. Versatile management is covered by WebUI

(HTTP or HTTPS) and SNMP. In addition the MES series offers also a router version with L2/L3-switching capability.

Available in a robust and compact stand-alone units. Temperature hardened for -40...+70°C / -40...+158°F operation. Very low power consumption, no active cooling required. Superior EMC and mechanical characteristics to meet harsh industrial, transportation and rail environments.

Default installation support to DIN rails. A wall mount kit available as option (MAC007). Dual supply voltage input (redundant) for 24 VDC. Optional mains adapter CPS45x can be used for typical installations. An industrial graded PSU is available on request.

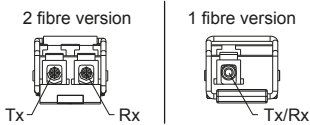
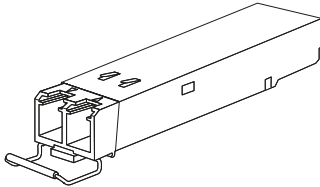
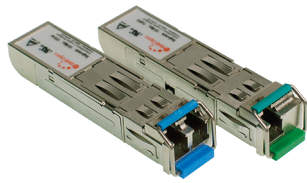
MES106/110 – Managed layer 2 ethernet switch, SFPs not included

MES106	6-port managed L2 switch	Local FE (4), Uplink FE/GE (2)
MES110	10-port managed L2 switch	Local FE (8), Uplink FE/GE (2)

MES210 – Managed layer 3 ethernet switch/router, SFPs not included

MES210	10-port managed L3 switch/router	Local FE (8), Uplink FE/GE (2)
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Available only for North America



2 x LC = dual fibre,
1 x LC = single fibre.

Fast Ethernet SFP transceivers for MES Ethernet switch

MWF111A	MM 1310nm	12 dB , 2km / 1.2mi	2 x LC -40...+85°C / -40...+185°F
MWF214A	SM 1310nm	19 dB , 30km / 18mi	
MWF218A	SM 1310nm	30 dB , 60km / 37mi	
MWF228A	SM 1550nm	30 dB , 100km / 62mi	
MWF321A	MM BIDI Tx1310 / Rx1550nm	18 dB , 2km / 1.2mi	1 x LC -40...+85°C / -40...+185°F
MWF331A	MM BIDI Tx1550 / Rx1310nm	18 dB , 2km / 1.2mi	
MWF424A	SM BIDI Tx1310 / Rx1550nm	18 dB , 20km / 12mi	
MWF434A	SM BIDI Tx1550 / Rx1310nm	18 dB , 20km / 12mi	

Gigabit SFP transceivers for MES Ethernet switch

MWG010C	Electrical 1000Base-T	100m / 328ft	RJ-45 female 0...+70°C / +32...+158°F
MWG111A	MM 1310nm	10 dB, 2km / 1.2mi	2 x LC -40...+85°C / -40...+185°F
MWG211A	SM 1310nm	10.5 dB, 10km / 6mi	
MWG224A	SM 1550nm	20 dB, 50km / 31mi	
MWG443A	SM BIDI Tx1310 / Rx1490nm	15 dB, 20km / 12mi	1 x LC -40...+85°C / -40...+185°F
MWG453A	SM BIDI Tx1490 / Rx1310nm	15 dB, 20km / 12mi	
MWG426A	SM BIDI Tx1310 / Rx1550nm	25 dB, 60km / 37mi	
MWG436A	SM BIDI Tx1550 / Rx1310nm	22 dB, 60km / 37mi	
MWG465A	SM BIDI Tx1510 / Rx1570nm	22 dB, 80km / 49mi	
MWG475A	SM BIDI Tx1570 / Rx1510nm	22 dB, 80km / 49mi	

SPECIAL INDUSTRY POE SWITCHES



TNW553L/H:

Local ports (10/100 TX) **ETX_{x9}** Uplink ports (1000 TX) **ETX_{x3}**

TNW series – EN50155 approved managed Power over Ethernet (PoE) switch

TNW553x is a managed layer-2 Gigabit Ethernet PoE switch designed for rail rolling stock systems. The switch has 9 FE ports and 3 GbE uplink ports, all ports are with M12 connectors.

The total power budget is 61,6 W. Max power on a single port is 30 W as with 802.3af/at standards.

TNW553x is EN50155 hardened for -40...+70°C / -40...+158°F operation. Housing protection class is IP67. Nominal supply voltages are 24 & 36 VDC (model L) and 48 to 110 VDC (model H).

TNW series – Managed rail-approved layer-2 PoE switch

TNW553L	12-port managed L2 PoE switch, low voltage	Local FE (9 x TX), Uplink GbE (3 x TX)
TNW553H	12-port managed L2 PoE switch, high voltage	Local FE (9 x TX), Uplink GbE (3 x TX)

Available only for North America

MPX ACCESSORIES



MSR419 Installation frame for MPH400 devices.



MPS12x Power supply for MSR419 installation frame.



CVU014 Ventilation frame.



CPS25x power supply.

Accessories for MPH, MPC, MPX, MES and MCC units

The perfect combination of accessories makes installation easier for you. Teleste offers a range of accessories that perfectly complement one to another.

This gives you the opportunity to assemble systems that perfectly reflect your individual needs.

Rack installation accessories (for MPH400 series)

MSR416	19" 3U installation frame, front loading, PSU at rear	For 16 x MPH400 series modules
MPS120	Power supply for MSR416	230VAC / 120W, without mains cable
MPS121		230VAC / 120W, EU mains cable (CPC521)
MPS122		230VAC / 120W, UK mains cable (CPC522)
MPS123		115VAC / 120W, US mains cable (CPC523)
CPC521	Lockable IEC power cord for MPS12x power supply	EU plug, 2m
CPC522		UK plug, 2m
CPC523		US plug, 2m
MCP401	Cover plate for MSR416	To cover one unit wide slot
MCP404		To cover four unit wide slot
CVU014	Passive ventilation frame	19" 1U, cable management shelf

Stand-alone installation accessories (for MPH, MPC, MPX, MCC & MES series)

MAC007	Wall mounting kit for MES rear assembly	includes mounting plate only
MAC008	Wall mount for CPS series mains adapters	includes wall bracket only
MRC0124*	Rack shelf for two MCC104 units	19" 1RU, rear panel cables included
MRC0122	Rack shelf for two MCC101 or MCC201 units	
MRC0122H	Rack shelf for two MCC101 or MCC201 units	19" 1RU, without cables
CPS250	12VDC power supply for MPC/MPX/MPH units	230VAC 12V/2.1A**, without mains cable
CPS251		230VAC 12V/2.1A**, EU mains cable (CPC521)
CPS252		230VAC 12V/2.1A**, UK mains cable (CPC522)
CPS253		115VAC 12V/2.1A**, US mains cable (CPC523)
CPS450	24VDC power supply for MES ethernet switches	115/230VAC 24VDC/1A*** without mains cable
CPS451		230VAC 24V/1A***, EU mains cable (CPC521)
CPS452		230VAC 24V/1A***, UK mains cable (CPC522)
CPS453		115VAC 24V/1A***, US mains cable (CPC523)

* **Note! These items are in rampdown mode, EoL statement to follow in 2022**

** +74°C / +165°F

*** +60°C / +140°F

MPX ACCESSORIES



SFP MPC/MPX
100Base-Fx

SFP transceivers for MPC/MPX series video encoders and decoders

The SFP (small form-factor pluggable) modules listed below can be used in conjunction with the MPC and MPX configurations shown in pages 7...13.

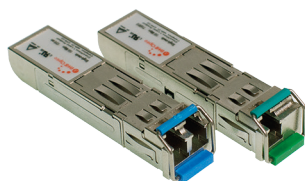
SFP wideband optics (1310 & 1550 nm) are feasible for temperature hardened operation (-40...+85°C / -40...+185°F). SFP transceivers can be ordered separately*.

SFP modules for Fast Ethernet (Suitable for MPC/MPX series, also MPC-SF FE switches)

MSF111A	FS1	MM 1310nm	12 dB, 2km / 1.2mi	2 x LC -40...+85°C / -40...+185°F
MSF214A	FS2	SM 1310nm	19 dB, 30km / 18mi	
MSF218A	FL2	SM 1310nm	30 dB, 60km / 37mi	
MSF224A	FS3	SM 1550nm	19 dB, 20km / 12mi	
MSF228A	FL3	SM 1550nm	30 dB, 100km / 62mi	1 x LC -40...+85°C / -40...+185°F
MSF425A	FSA	SM BIDI Tx1310 / Rx1550nm	23 dB, 25km / 15mi	
MSF435A	FSB	SM BIDI Tx1550 / Rx1310nm	23 dB, 25km / 15mi	
MSF427A	FLA	SM BIDI Tx1310 / Rx1550nm	29 dB, 60km / 37mi	
MSF437A	FLB	SM BIDI Tx1550 / Rx1310nm	29 dB, 60km / 37mi	

* Alias code (column 2) is used for option class definition when creating MPX configuration

MPX ACCESSORIES



SFP MPH100/400 100Base-Fx

SFP transceivers for MPH series video encoders

The SFP (small form-factor pluggable) modules listed below can be used in conjunction with the MPH encoders.

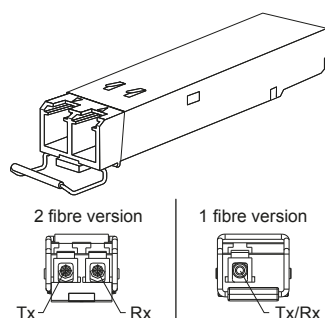
Most of the SFP models are feasible for temperature hardened operation (-40...+85°C / -40...+185°F). SFP transceivers can be ordered separately.

SFP modules for Fast Ethernet (Suitable only for MPH100/400 series)

MIF111D	MM 1310nm, SGMII	11 dB, 2km / 1.2mi	2 x LC -10...+70°C / +14...+158°F
MIF111E	MM 1310nm, SGMII	11 dB, 2km / 1.2mi	2 x LC -35...+75°C / -31...+167°F
MIF214E	SM 1310nm, SGMII	16 dB, 30km / 18mi *	

Note! This range of Fast Ethernet SFPs are compatible only for MPH100/400 series, due to specific internal SGMII interface.

SFP MPH100/200/400 1000Base-Tx/Fx



2 x LC = dual fibre,
1 x LC = single fibre.

SFP modules for Gigabit Ethernet (Suitable for MPH100/200/400 series)

MSG010C	CAT5 1000Base-T	100m / 328ft	RJ-45 female 0...+70°C / +32...+158°F
MSG020C	CAT5 10/100/1000Base-T		
MSG101B	MM 850nm	8.5 dB, 1km / 0.6mi	2 x LC -40...+85°C / -40...+185°F
MSG111A	MM 1310nm	10 dB, 2km / 1.2mi *	
MSG211A	SM 1310nm	10.5 dB, 10km / 6mi	
MSG214A	SM 1310nm	20 dB, 30km / 18mi	
MSG222A	SM 1550nm	12 dB, 30km / 18mi	
MSG224A	SM 1550nm	20 dB, 50km / 31mi	
MSG226A	SM 1550nm	24 dB, 70km / 43mi	
MSG228B	SM 1550nm	30 dB, 110km / 68mi	
MSG321A	MM BD Tx1310 / Rx1550nm	10 dB, 550m / 1804ft	1 x LC -40...+85°C / -40...+185°F
MSG331A	MM BD Tx1550 / Rx1310nm	10 dB, 550m / 1804ft	
MSG422A	SM BD Tx1310 / Rx1550nm	12 dB, 10km / 6mi	
MSG432A	SM BD Tx1550 / Rx1310nm	12 dB, 10km / 6mi	
MSG424A	SM BD Tx1310 / Rx1550nm	20 dB, 40km / 24mi	
MSG434A	SM BD Tx1550 / Rx1310nm	20 dB, 40km / 24mi	
MSG443A	SM BD Tx1310 / Rx1490nm	15 dB, 20km / 12mi	
MSG453A	SM BD Tx1490 / Rx1310nm	15 dB, 20km / 12mi	
MSG422A SC	SM BD Tx1310 / Rx1550nm	12 dB, 10km / 6mi	1 x SC/PC -40...+85°C / -40...+185°F
MSG432A SC	SM BD Tx1550 / Rx1310nm	12 dB, 10km / 6mi	

* 1km / 0.6mi for 50/125µm fibre

CFO WITH FIXED OPTICS

CFO First Mile Basic – 1-channel video multiplexers with fixed optics

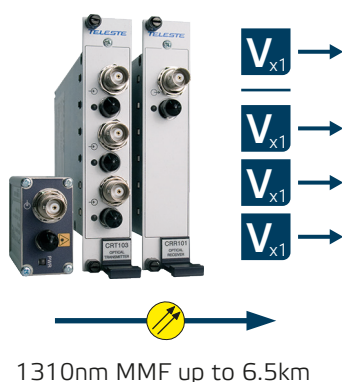
CFO First Mile Basic product range provides cost effective fibre optic video transmission. The CFO First Mile Basic product range consist of 1-channel video multiplexers either for “video only” type operation or operation supporting data and contact closure.

The product range includes mini size stand-alone video transmitter, cards for rack mount installation, module adapters

for stand-alone installation and all other necessary accessories.

Temperature hardened operation (-34...+74°C / -29...165°F).

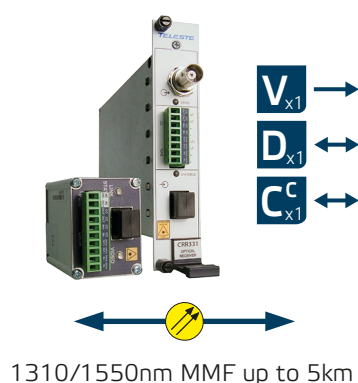
CFO First Mile basic products take advantage of the most appropriate technology for the application, with the success factors being reliability, performance and ease of installation.



CFO100 – 1 channel video only link for fixed camera applications

CFO100 series provides uncompressed digital transmission of one CVBS video channel over one **multimode** (1310nm) fibre for up to 6.5km. Available in stand-alone small size transmitter unit and 5HP wide rack mount transmitter/receiver card formats. CPT101 can be operate with 12 VDC and 24 VAC. 1/3 x ST optical connector.

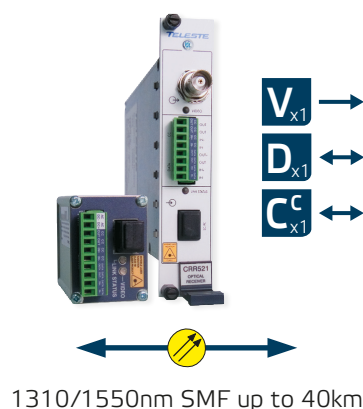
CPT101	1-channel small size video transmitter (DIN mounting kit optional, see CIK001)	stand-alone unit
CRT103	Triple channel video transmitter	5HP wide rack mount card
CRR101	1-channel video receiver	
CRR103	Triple channel video receiver	



CFO331 – 1 channel video link for PTZ camera applications

CFO331 series provides uncompressed digital transmission of one CVBS video channel with bi-directional data (1) and contact closure (1) channels over one **multimode** (1310/1550nm) fibre for up to 5km. Units configuration is done with DIP-switches. Available in stand-alone compact size transmitter unit and 5HP wide rack mount receiver card formats. CPT331 can be operate with 12 VDC and 24 VAC. 1 x SC optical connector.

CPT331	1-channel compact size video transmitter (DIN mounting kit optional, see CIK001)	stand-alone unit
CRR331	1-channel video receiver	5HP wide rack mount card



CFO521 – 1 channel video link for PTZ camera applications

CFO521 series provides uncompressed digital transmission of one CVBS video channel with bi-directional data (1) and contact closure (1) channels over one **single-mode** (1310/1550nm) fibre for up to 40km. Units configuration is done with DIP-switches. Available in stand-alone compact size transmitter unit and 5HP wide rack mount receiver card formats. CPT521 can be operate with 12 VDC and 24 VAC. 1 x SC optical connector.

CPT521	1-channel compact size video transmitter (DIN mounting kit optional, see CIK001)	stand-alone unit
CRR521	1-channel video receiver	5HP wide rack mount card

CFO WITH SFP OPTICS

CFO First Mile SFP – 1-ch, 4-ch and 8-ch video multiplexers with selectable SFP optics

CFO First Mile SFP product range provides cost effective fibre optic video transmission. The range consist of 1-ch, 4-ch and 8-ch video multiplexers either for “video only” type operation or operation supporting data, audio, contact closure and Ethernet. Units configuration is done by DIP switches.

Temperature hardened operation (-34...+74°C / -29...165°F).
The fibre optics are based on pluggable SFP transceiver modules.

For all available SFP models please refer to our selection of MSG series transceivers in page 14.








S = 1310nm MMF up to 2km

M = 1310/1490nm SMF up to 20km

L = 1310/1550nm SMF up to 40km

CFO410 – 4 channel video only link for fixed camera applications

CFO410 series provides uncompressed and real-time digital transmission of four (4) composite video channels (2-channel for Y/C). Units are 5HP wide rack mount cards. CMT models are including a standalone mechanics CMA015 for the transmitter card. For installation accessories, please see page 16.

CRT410	4-channel video transmitter without optics	SFP to be ordered separately
CRR410	4-channel video receiver without optics	








S = 1310nm MMF up to 2km

M = 1310/1490nm SMF up to 20km

L = 1310/1550nm SMF up to 40km

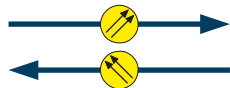
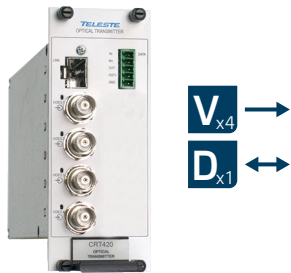
CFO810 – 8 channel video only link for fixed camera applications

CFO810 series provides uncompressed and real-time digital transmission of eight (8) composite video channels (4-channel for Y/C). Units are 10HP wide rack mount cards. CMT models are including a standalone mechanics CMA025 for the transmitter card. For installation accessories, please see page 16.

CRT810	8-channel video transmitter without optics	SFP to be ordered separately
CRR810	8-channel video receiver without optics	

CFO WITH SFP OPTICS

(Please see other fibre optic SFP transceiver options in page 13.)



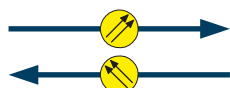
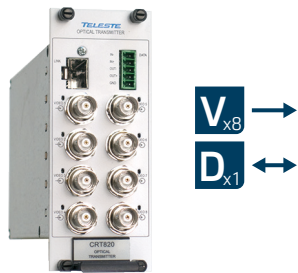
S = 1310/1310nm MMF up to 2km



M = 1310/1490nm SMF up to 20km



L = 1310/1550nm SMF up to 40km



S = 1310/1310nm MMF up to 2km



M = 1310/1490nm SMF up to 20km



L = 1310/1550nm SMF up to 40km

CFO420 – 4 channel video link for PTZ camera applications

CFO420 series provides uncompressed and real-time digital transmission of four (4) composite video channels (2-channel for Y/C) with one (1) configurable bi-directional RS-data channel. Units are 10HP wide rack mount cards. CMT models are including a standalone mechanics CMA025 for the transmitter card. For installation accessories, please see page 16.

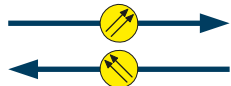
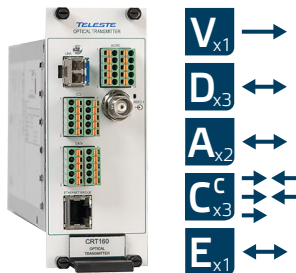
CRT420	4-channel video transmitter without optics	SFP to be ordered separately
CRR420	4-channel video receiver without optics	

CFO820 – 8 channel video link for PTZ camera applications

CFO820 series provides uncompressed and real-time digital transmission of eight (8) composite video channels (4-channel for Y/C) with one (1) configurable bi-directional RS-data channel. Units are 10HP wide rack mount cards. CMT models are including a standalone mechanics CMA025 for the transmitter card. For installation accessories, please see page 16.

CRT820	8-channel video transmitter without optics	SFP to be ordered separately
CRR820	8-channel video receiver without optics	

CFO WITH SFP OPTICS



S = 1310/1310nm MMF up to 2km



M = 1310/1490nm SMF up to 20km

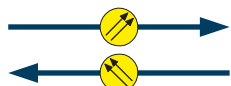
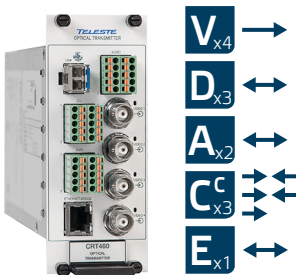


L = 1310/1550nm SMF up to 40km

CFO160 – 1 channel video link for extended PTZ camera applications

CFO160 series provides uncompressed and real-time digital transmission of one (1) CVBS video channel with three (3) configurable bi-directional RS-data channels, two (2) audio, contact closures (3 out/2 in) and one Fast Ethernet channel over optical fibre. Ethernet Bridge interface is 10/100Base-Tx, full 100Mbps thruput. Units are 10HP wide rack mount cards. CMT models are including a standalone mechanics CMA025 for the transmitter card. For installation accessories, please see page 16.

CRT160	1-channel video transmitter without optics	SFP to be ordered separately
CRR160	1-channel video receiver without optics	



S = 1310/1310nm MMF up to 2km



M = 1310/1490nm SMF up to 20km



L = 1310/1550nm SMF up to 40km

CFO460 – 4 channel video link for extended PTZ camera applications

CFO460 series provides uncompressed and real-time digital transmission of four (4) CVBS video channel (2-ch for Y/C) with three (3) configurable bi-directional RS-data channels, two (2) audio, contact closures (3 out/2 in) and one Fast Ethernet channel over optical fibre. Ethernet Bridge interface is 10/100Base-Tx, full 100Mbps thruput. Units are 10HP wide rack mount cards. CMT models are including a standalone mechanics CMA025 for the transmitter card. For installation accessories, please see page 16.

CRT460	1-channel video transmitter without optics	SFP to be ordered separately
CRR460	1-channel video receiver without optics	

CFO WITH SFP OPTICS



CRG101 media converter.

CRG100/101 – Single channel media converters

CRG100 and CRG101 media converters are designed to convert Gigabit level copper/ electrical Ethernet for fibre optic transmission, or vice versa. These units are compatible with MSG series SFP transceivers to meet various fibre cabling requirements.

The unmanaged CRG100 model supports 1000Base-T operation only. The managed CRG101 model with WebUI and SNMP support is compatible with 10/100/1000Base-T interface and has a dual speed support on the SFP port (100/1000Base-F). Standalone installation is available with CMA015 module adapter. For installation accessories, please see page 16.

CRG101	Managed media converter, 10/100/1000Base-TX	SFP to be ordered separately from the MSF or MSG series	SHP wide rack mount card
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SFP TRANSCEIVER MODULES FOR CFO

SFP transceivers for CFO SFP series video links



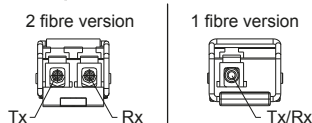
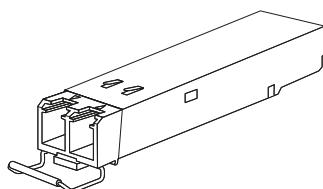
The SFP (small form-factor pluggable) transceiver modules listed below can be used in conjunction with the **CFO First Mile SFP** video modems.

For most typical applications the desired product configurations or combinations are available as ready-defined ordering codes.

For spare part use or alternative self-made combinations the SFPs are also available as individual product items as shown below. SFP transceivers can be ordered separately.

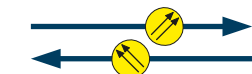
Most of the SFP models are feasible for temperature hardened operation (-40...+85°C / -40...+185°F).

SFP CFO First Mile SFP 1000Base-Tx/Fx



2 x LC = dual fibre,
1 x LC = single fibre.

Single fibre (1 x LC), bidi



Dual fibre (2 x LC), 2-way

Available SFP transceiver types for Gigabit Ethernet.

SFP modules for Gigabit Ethernet (Suitable for CFO SFP series)

MSG101B	MM 850nm	8.5 dB, 1km / 0.6mi	2 x LC -40...+85°C / -40...+185°F
MSG111A	MM 1310nm	10 dB, 2km / 1.2mi *	
MSG211A	SM 1310nm	10.5 dB, 10km / 6mi	
MSG214A	SM 1310nm	20 dB, 30km / 18mi	
MSG222A	SM 1550nm	12 dB, 30km / 18mi	
MSG224A	SM 1550nm	20 dB, 50km / 31mi	
MSG226A	SM 1550nm	24 dB, 70km / 43mi	
MSG228B	SM 1550nm	30 dB, 110km / 68mi	1 x LC -40...+85°C / -40...+185°F
MSG321A	MM BD Tx1310 / Rx1550nm	10 dB, 550m / 1804ft	
MSG331A	MM BD Tx1550 / Rx1310nm	10 dB, 550m / 1804ft	
MSG422A	SM BD Tx1310 / Rx1550nm	12 dB, 10km / 6mi	
MSG432A	SM BD Tx1550 / Rx1310nm	12 dB, 10km / 6mi	
MSG424A	SM BD Tx1310 / Rx1550nm	20 dB, 40km / 24mi	
MSG434A	SM BD Tx1550 / Rx1310nm	20 dB, 40km / 24mi	
MSG443A	SM BD Tx1310 / Rx1490nm	15 dB, 20km / 12mi	1 x SC/PC -40...+85°C / -40...+185°F
MSG453A	SM BD Tx1490 / Rx1310nm	15 dB, 20km / 12mi	
MSG422A SC	SM BD Tx1310 / Rx1550nm	12 dB, 10km / 6mi	
MSG432A SC	SM BD Tx1550 / Rx1310nm	12 dB, 10km / 6mi	

* 1km / 0.6mi for 50/125µm fibre.

CFO ACCESSORIES

CFO accessories

The perfect combination of accessories makes installation easier for you. Teleste offers a range of accessories that perfectly complement one to another.

This gives you the opportunity to assemble systems that perfectly reflect your individual needs.



CSR216 Installation frame with CPS384 power supply and CCP042 cover plate.



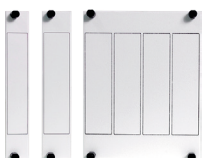
CPS384 Power supply unit.



MPS120 power supply for CSR420 installation frame.



CVU014 Ventilation frame.



CCP004, 005 and 020 cover plates.

Rack installation accessories

The CFO family of products all utilise the same rack installation mechanics, installation frame and power supply (PSU) systems which allow mixing of single channel, multichannel, single-mode and multimode fibre applications in the same system. This provides a very flexible and reliable approach to fulfill all of your optical fibre video transmission requirements.

CSR216	Installation frame, 19" 3U	front loading, PSU at rear	16 x 5HP CFO modules and 1 x 4HP control / alarm card
CSR316		rear loading, PSU at front	
CPS384	Power supply for CSR216/316, without power cord		230 VAC & 115 VAC (selectable), 130 W
CPC221			EU plug, 2m
CPC222	Angled power cord for CPS384 power supply		UK plug, 2m
CPC223			US plug, 2m
CSR299	CSR216 installation frame package, single power supply		CSR216, CPS384, CCP004, CCP042, CPC221
CSR299 UK			CSR216, CPS384, CCP004, CCP042, CPC222
CSR300	CSR216 installation frame package, dual power supply		CSR216, 2 x CPS384, CCP004, 2 x CPC221
CSR300 UK			CSR216, 2 x CPS384, CCP004, 2 x CPC222
MPS120	Power supply for CSR420, without power cord		230 VAC & 115 VAC (selectable), 120 W
CIK110	Din rail kit for CSR rack, MPS120 power supply mount		Power supply depth 40mm
CIK120			Power supply depth 68mm
CPC521			EU plug, 2m
CPC522	IEC lockable power cord for MPS120 power supply unit		UK plug, 2m
CPC523			US plug, 2m
CCP004-5	4HP wide cover plate (1 alarm/controller card slot)		Bundle of 5 pcs
CCP005-5	5HP wide cover plate (1 slot)		
CCP020-3	20HP wide cover plate (4 slots)		Bundle of 3 pcs
CCP042	42HP wide cover plate (1 CPS384/390 slot)		1 pcs
CVU014	Ventilation frame / cable management shelf		1U 19"
CRA002	Installation shelf for 2 x CMA0x5 adapters, CMA screws included		2U 19"

CFO ACCESSORIES



CMA015, CMA025 & CMA035 module adapters.



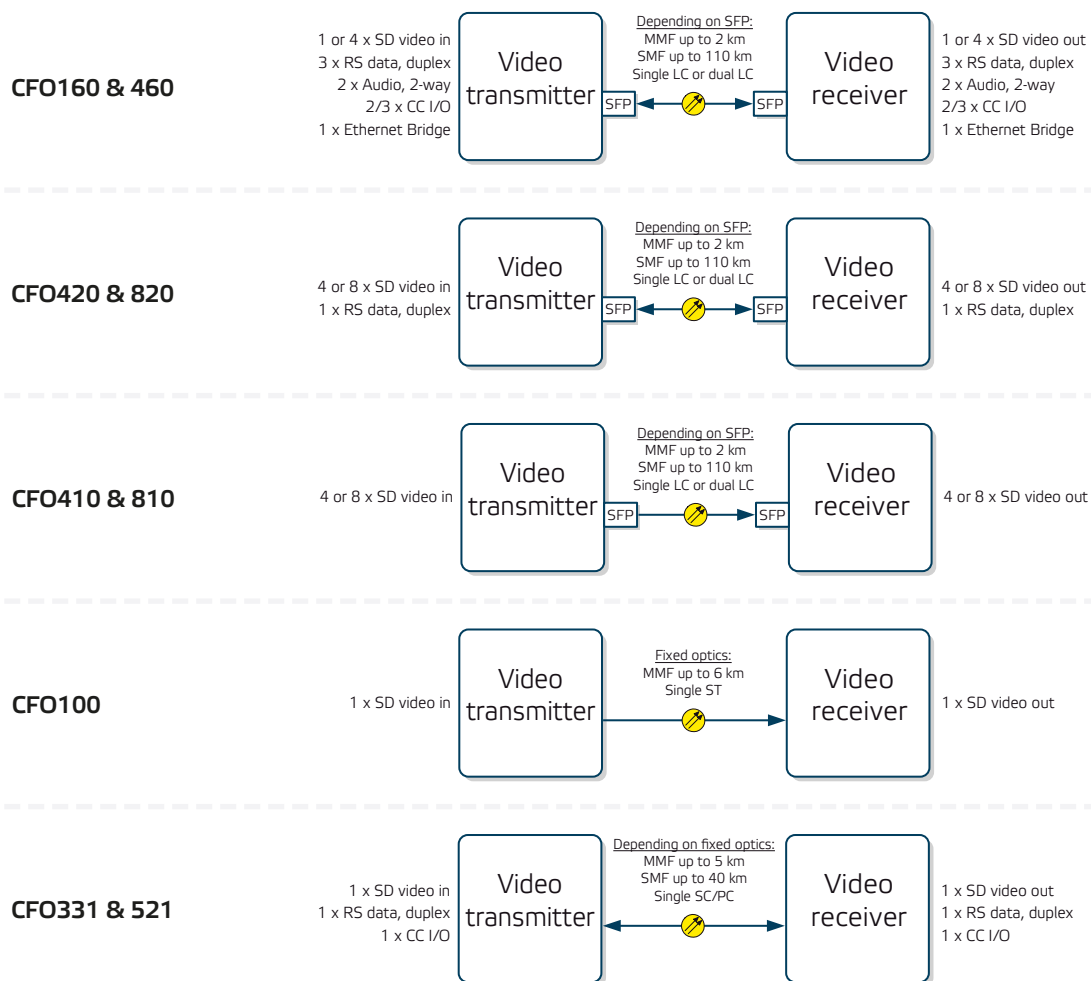
CIK002 rear mounting plate.

Stand-alone installation accessories

The CFO family of products all utilise the same rack installation mechanics, installation frame and power supply systems which allow mixing of one channel, multichannel, single-mode and multimode fibre applications in the same system. This provides a very flexible and reliable approach to fulfill all of your optical fibre video transmission requirements.

CMA015		For 1 x 5HP wide card
CMA025	Module adapter for stand-alone wall mounting	For 1 x 10HP wide card (or 2 x 5HP)
CMA035		For 1 x 15HP wide card (or 3 x 5HP)
CIK001	DIN rail mounting kit for CPT101/321/331 /521/541	Including angled-BNC adapter for video
CIK002	Rear mounting kit	For CMA025/035 module adapters
CPS251	12V mains adapter for CMA, EUR	230 VAC – 12 VDC / 2.1A
CPS252	12V mains adapter for CMA, UK	230 VAC – 12 VDC / 2.1A
CPS253	12V mains adapter for CMA, USA	115 VAC – 12 VDC / 2.1A
MAC008	Wall mount for CPS series mains adapters	Includes wall bracket only

CFO APPLICATIONS





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PSP Available MPX & CFO products, September 2026

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