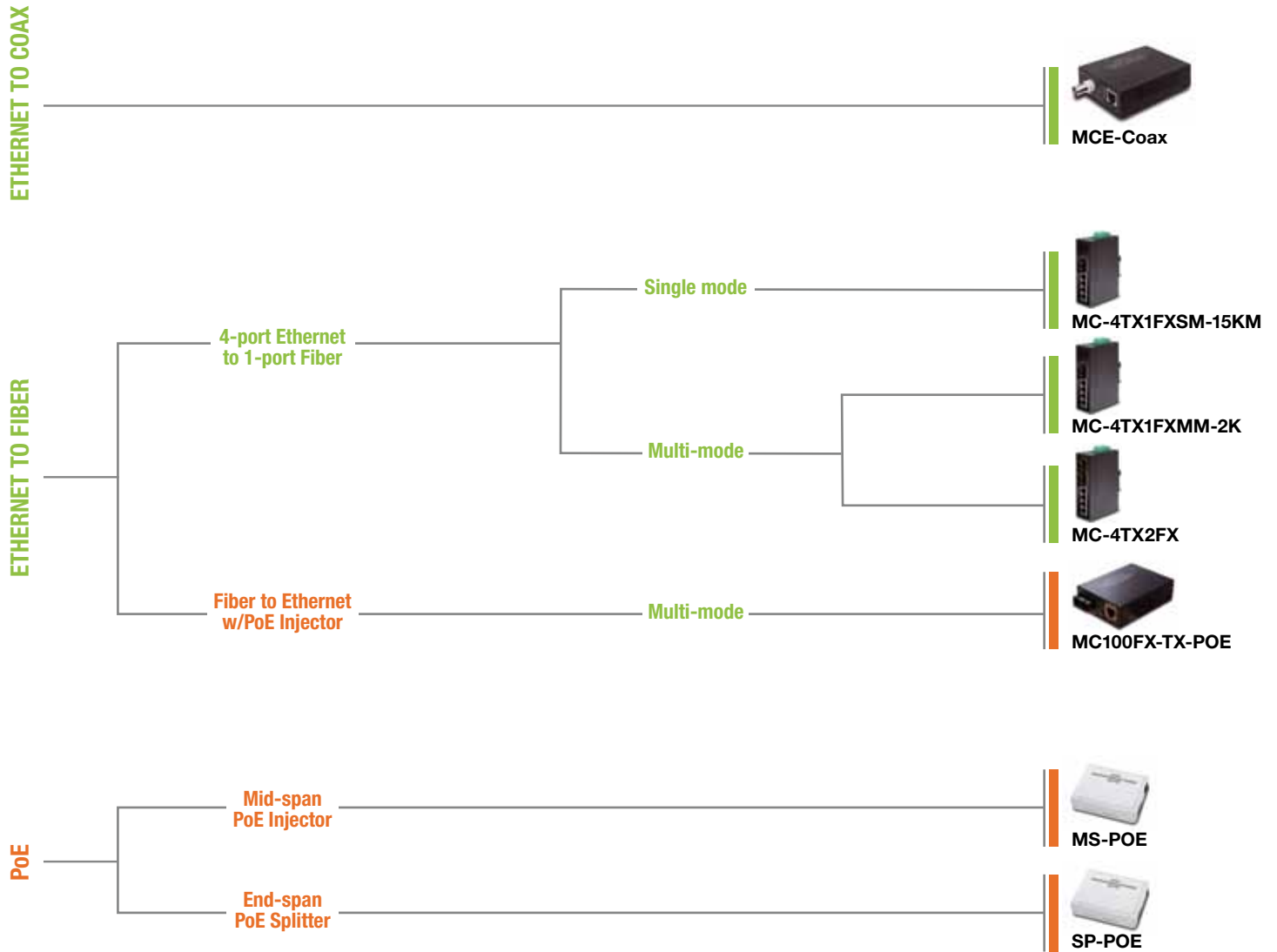




# Media Converters Selection Guide

## Media Converters

To facilitate the migration from analog to IP-centric networks, IFS media converters provide cost-effective solutions for extending Ethernet transmission while reducing cable and labor cost.





# Media Converters At-A-Glance

## ETHERNET TO COAX

### Ethernet to Coax



#### Features

- Transmit 10/100Mbps Ethernet over coax\*
- Auto-negotiation and MDI/MDI-X support
- CO/CPE selectable via DIP switch
- Supports RG6, RG58 and RG59 coax
- Up to 1.6Km

#### APPLICATIONS:

Cost-effective solution for:

- Analog-to-IP camera conversion
- Transmit any Ethernet data over coax

#### MODEL:

MCE-Coax

\*Requires two modules

## ETHERNET TO FIBER

### 4-port to Fiber



#### Features

- 10/100Base-TX
- Auto-negotiation and MDI/MDI-X
- 100Base-FX interface with SC connector
- 1Gbps non-blocking switch fabric
- Wall-mount or DIN-rail mounting options
- 12~48VDC redundant power with reverse polarity protection
- Wide operating temperature range
- Multi-mode or single mode fiber
- Distances up to 15km

#### MODELS:

- MC-4TX1FXMM-2km  
4-Port 10/100Mbps to MM fiber
- MC-4TX1FXSM-15km  
4-Port 10/100Mbps to SM fiber
- MC-4TX2FX  
4-Port 10/100Mbps to drop-and-repeat MM fiber

### Fiber to Ethernet w/PoE



#### Features

- 10/100Base-TX
- Auto-negotiation and MDI/MDI-X
- Distance up to 100 meters
- 100Base-FX interface with SC connector
- Up to 2km on multi-mode fiber
- Inserts 48VDC (15.4w) power on Category cable
- Protects non-PoE devices if accidentally connected
- Link fault pass-through function for remote alarm notification

#### APPLICATIONS:

- PoE cameras
- PoE access control
- VoIP phones
- Wireless access points

#### MODEL:

MC100FX-TX-POE

## POWER OVER ETHERNET (PoE)

### Ethernet Injector



#### Features

- 10/100Base-TX
- PoE IEEE 802.3af compliant
- Injects 48VDC (15.4w) power on Ethernet cable
- Protects non-PoE devices if accidentally connected
- Distance up to 100 meters

#### APPLICATIONS:

- PoE cameras
- PoE access control
- VoIP phones
- Wireless access points

#### MODEL:

MS-PoE

### Ethernet Splitter



#### Features

- 10/100Base-TX
- PoE IEEE 802.3af compliant
- Splits PoE off Ethernet cable
- Dip-switch selectable 5V or 12V DC power output
- Deployment distance up to 100 meters
- IEEE compliant for full network interoperability

#### APPLICATIONS:

- PoE cameras
- PoE access control
- VoIP phones
- Wireless access points

#### MODEL:

SP-PoE

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