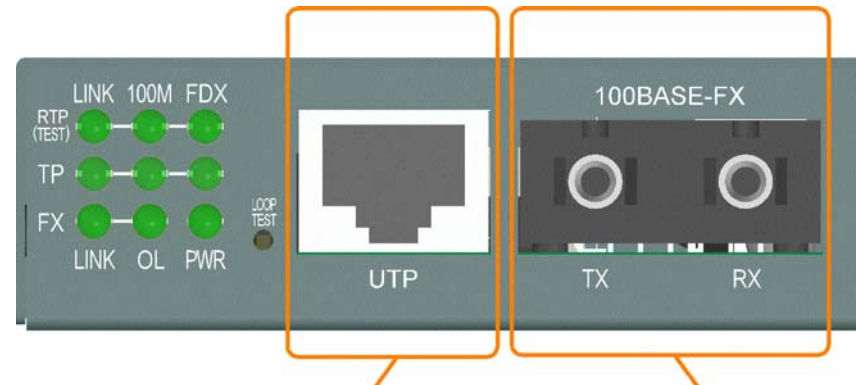# KC-351

PoE-PD-enabled 10/100Base-TX to 100Base-FX Media Converters

Media Conversion

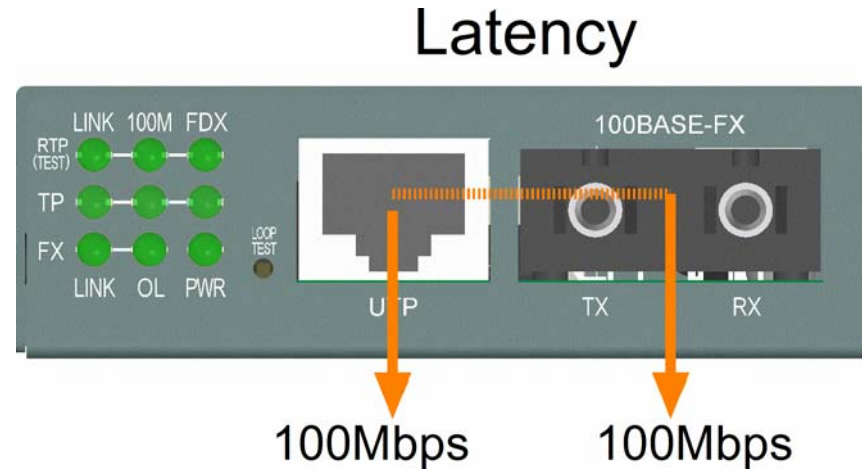
Copper Port (RJ-45)

Fiber Port

- 10Mbps, 100Mbps
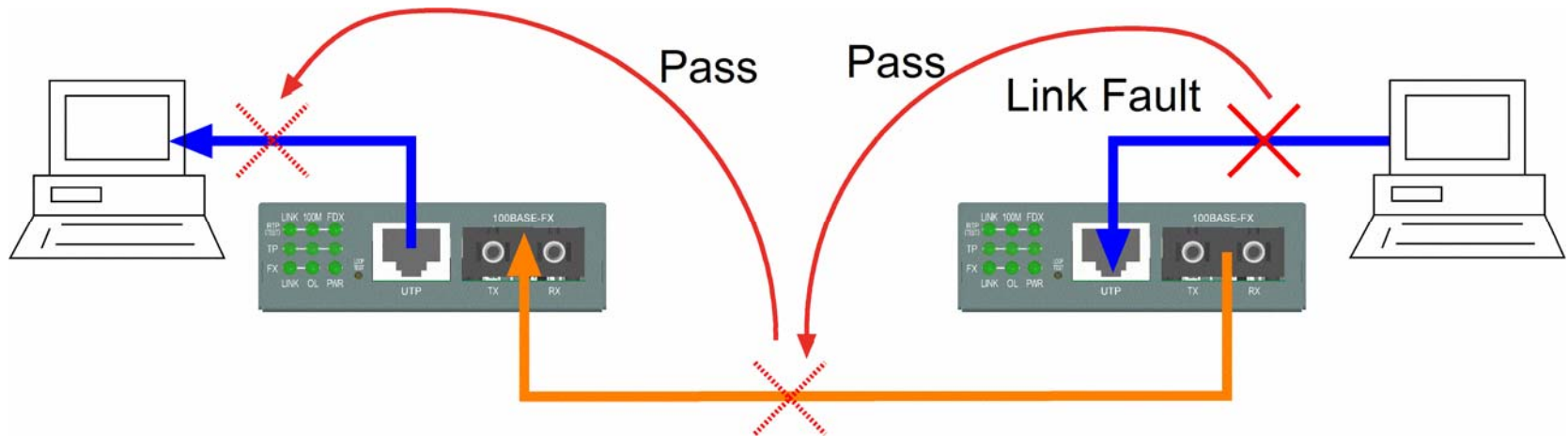- 10BASE-T
- 100BASE-TX
- Cat.5 or better

- 100Mbps
- 100BASE-FX
- Duplex MMF
- Duplex SMF
- Bi-Di single fiber
- CWDM

Benefit 1: Direct Conversion

- No bridging conversion
- Direct conversion for 100M-to-100M conversion
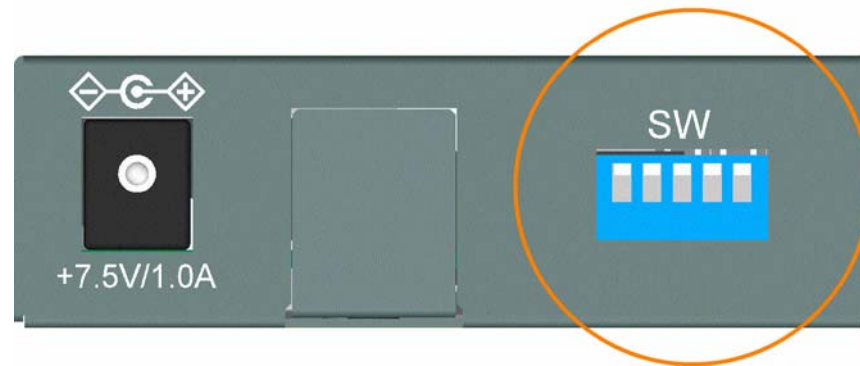- The least latency

Benefit 2: Link Fault Pass Through

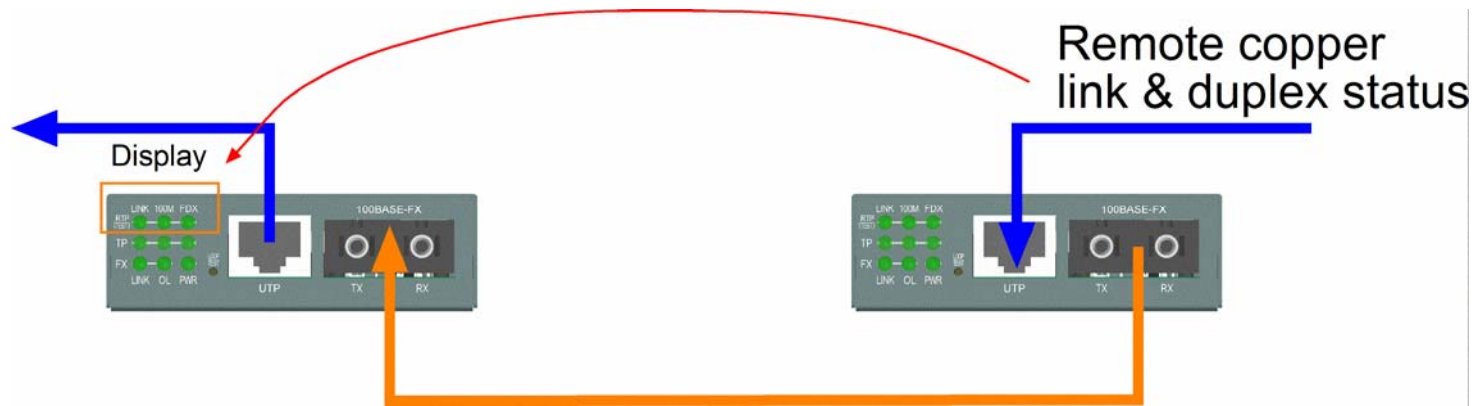The device at local end is able to detect link fault at the remote copper connection.
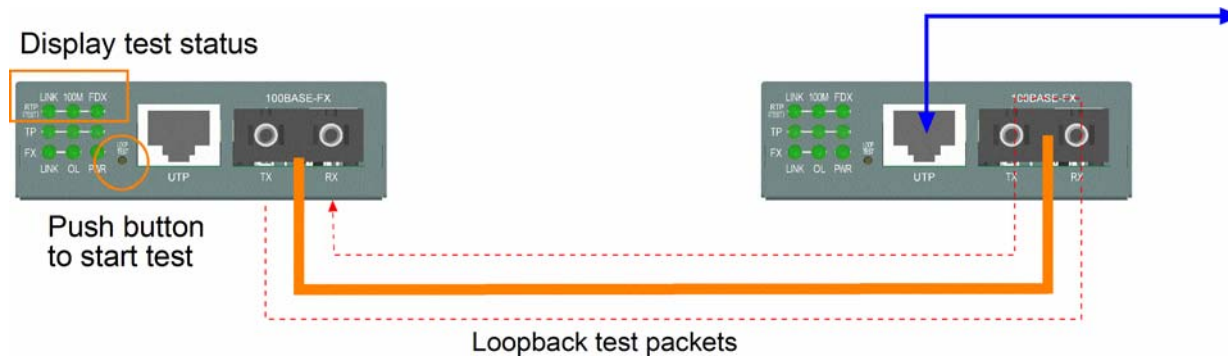
Benefit 3: Configuration Switches

Allow to configure copper port to support connection to non-auto-negotiation devices.
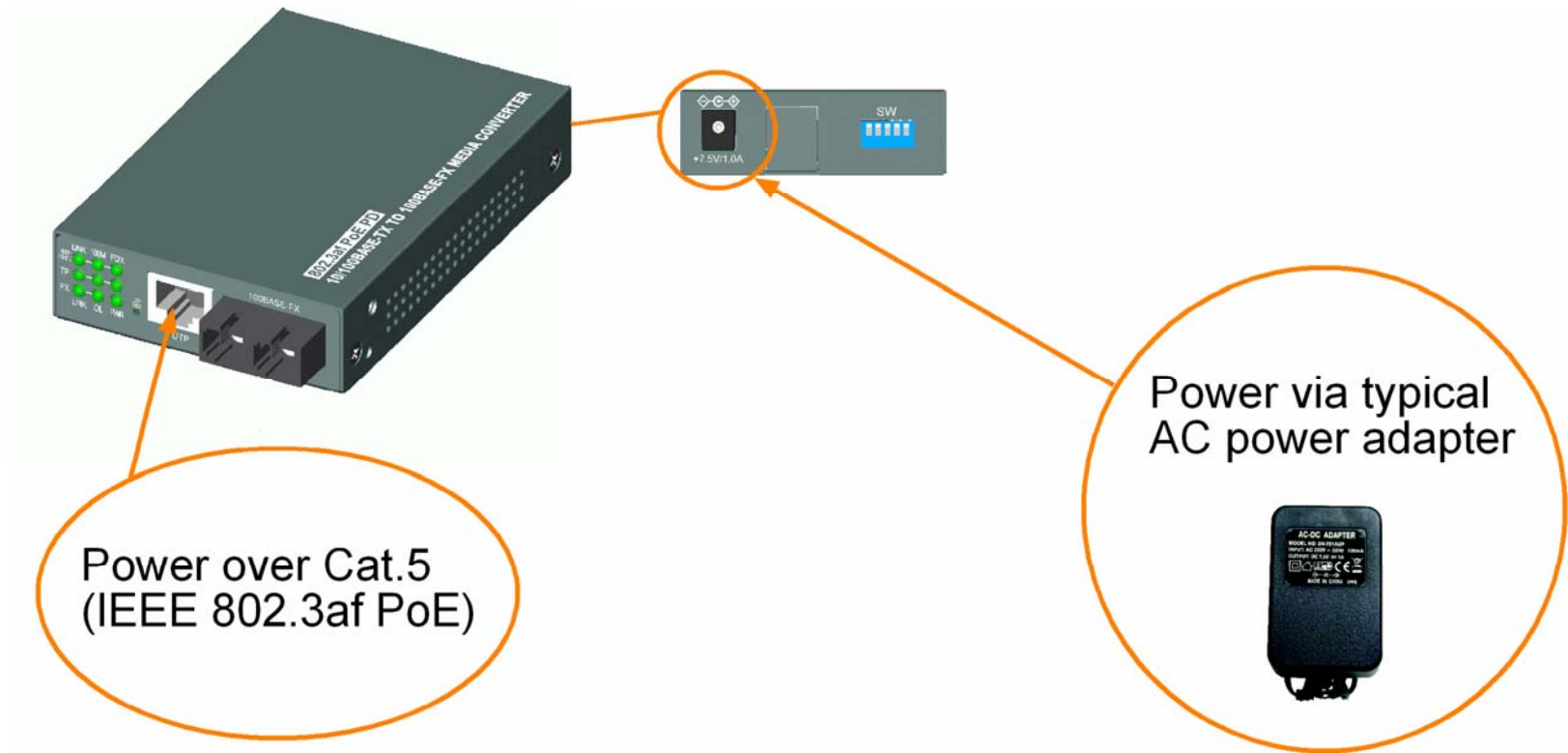
Benefit 4: Remote TP Monitoring

Allow to monitor the link status of the copper (TP) connection at the remote end.

Benefit 5: Remote Loopback Test

Allow to diagnose the fiber link with physical data transmission easily during installation .

Benefit 6: Two Power Methods

Power over Cat.5
(IEEE 802.3af PoE)

Power via typical
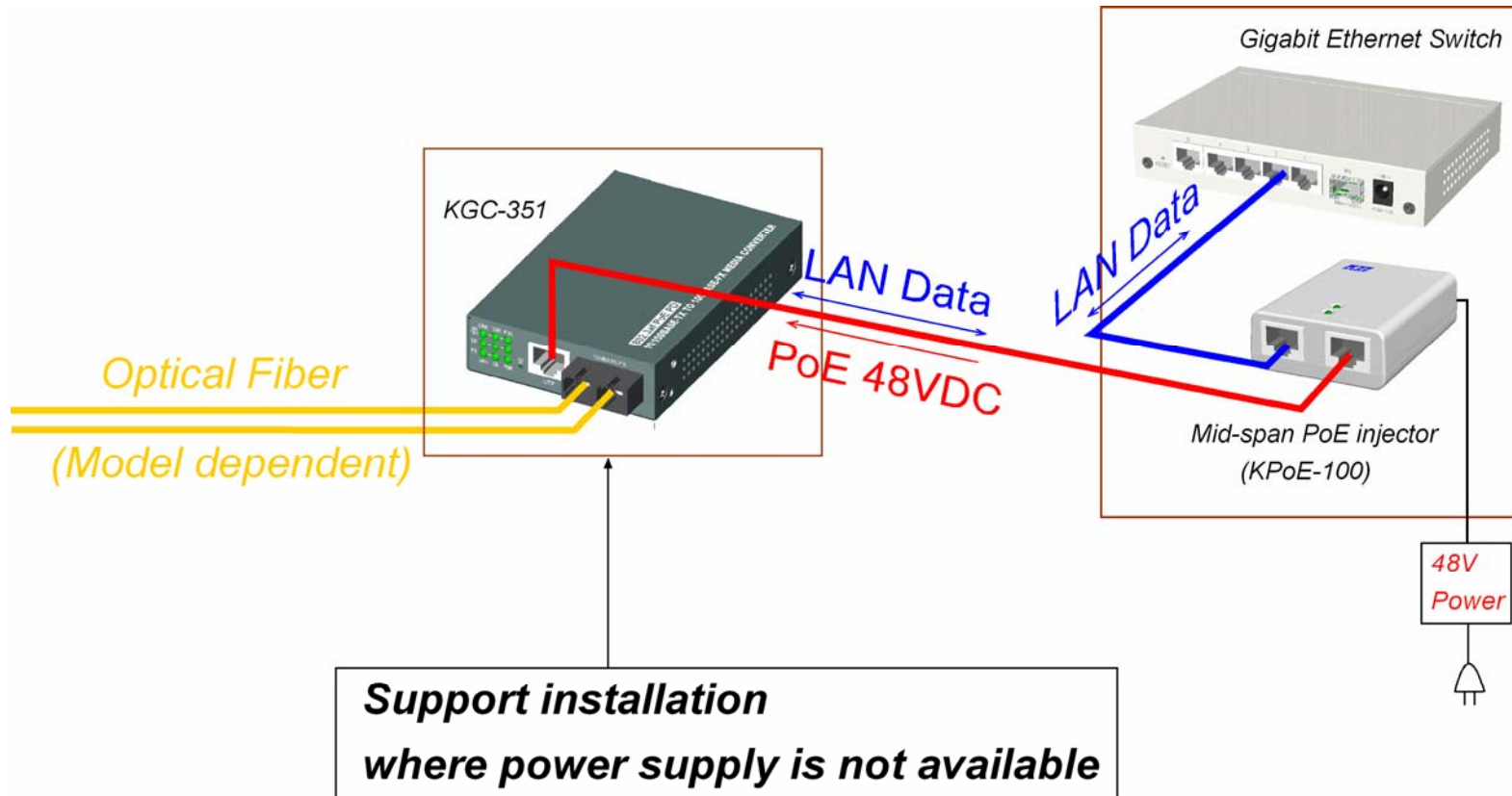AC power adapter

Benefit 7: IEEE Standard PoE

- IEEE 802.3af compliant
- Drawing power from all pairs on Cat.5
- Class 1 power classification
- Inter-operability guaranteed
- Operation safety guaranteed

Application 1: PoE Installation

Gigabit Ethernet Switch

KGC-351

LAN Data

LAN Data

PoE 48VDC

Optical Fiber

(Model dependent)

Mid-span PoE injector
(KPoE-100)

48V
Power

Support installation

where power supply is not available

Application 2: Long Reach SMF

Supports single mode fiber up to 120km

Application 3: Bi-Di Single Fiber

Supports single fiber Bi-Directional communication

Application 4: CWDM

Supports CWDM communication