

## 10G BASE-T Copper SFP+ Transceiver

### Features

- > Supports up to 10G BASE-T operation
- > Up to 30m reach over Cat6a/7 cable
- > Hot-pluggable SFP+ footprint
- > Fast retrain EMI cancellation algorithm
- > Fully metallic housing with low EMI emission
- > Low power consumption (2.5 W typical)
- > Compact RJ-45 connector assembly
- > I2C 2-wire serial bus
- > Compliant with MSA SFF-8431 and 8432
- > Compliant with IEEE 802.3az
- > Operating temperature and humidity:
  - > -5°C~+85°C
  - > 5-95% non-condensing
- > Storage temperature:
  - > -40°C~+85°C



### Applications

- > 1/2.5/5/10Gigabit Ethernet over Cat6a/7 cable
- > Switch to switch interface
- > Network storage connections and more

### Ordering Information

| Advance Part Code       | Description         |
|-------------------------|---------------------|
| NW-SFPX-08-10-XXXT-0-03 | 10G Base-T SFP+ 30m |

## Compatibility Information

| Vendor   | Vendor Code   | Description                      | Advance Code              |
|----------|---------------|----------------------------------|---------------------------|
| Brocade  | 10G-SFPP-T    | 10G Base-T SFP+ Transceiver, 30m | NW-SFPX-08-10-XXXT-0-03-R |
| Cisco    | SFP-10G-T-X   | 10G Base-T SFP+ Transceiver, 30m | NW-SFPX-08-10-XXXT-0-03-C |
| Juniper  | EX-SFP-10GE-T | 10G Base-T SFP+ Transceiver, 30m | NW-SFPX-08-10-XXXT-0-03-J |
| HP/Aruba | 813874-B21    | 10G Base-T SFP+ Transceiver, 30m | NW-SFPX-08-10-XXXT-0-03-A |
| Methode  | DM7051        | 10G Base-T SFP+ Transceiver, 30m | NW-SFPX-08-10-XXXT-0-03   |
| Netgear  | AXM765        | 10G Base-T SFP+ Transceiver, 30m | NW-SFPX-08-10-XXXT-0-03   |

\*If you don't see your preferred vendor on the list above, please contact us. Other vendors are supported and available.

\*\*Please note 10G Base-T modules are not available from many vendors, therefore part code comparisons are often not possible. Advance can produce 10G Base-T modules that are compatible with most vendors, but please note to enable operation in the majority of platforms the modules will be encoded as fibre or direct attach devices. This does not impact their operation but may appear as different modules when running switch inventories.

\*\*\*Please note that due to higher power consumption and heat dissipation compared to fibre SFP+ modules, Advance only recommend populating half of the available capacity in any one device. For example, a 24 port SFP+ switch should only operate with 12 ports populated.