

Product Naming Rule

Mini-GBIC (SFP)

- 7: OS5
- 6: 10G uplinks
- 5: L2+ managed
- 3: L2+ managed
- 2: L2 managed
- 1: Smart managed
- 0: Unmanaged

- H: OS5
- R: OS4
- L: OS3

- C: Combo
- F: Fiber
- DF: Dual speed fiber
- GF: Giga fiber
- T: Giga T
- GSFP: 1000M SFP
- DSFP: Dual speed SFP
- DFT: Dual speed fiber + Giga T
- AC: 802.11AC wireless
- S: Compact size
- XSFP/XF(IP30): 1G/2.5G/10G SFP
- MGSFP(IP30): 1G/2.5G SFP
- XT: 1G/2.5G/5G/10G Copper
- XF: 1G/2.5G/5G/10G Fiber
- XFT: XT+XF
- MGT: 1G/2.5G Copper
- MGF: 1G/2.5G Fiber
- MGFT: MGT + MGF

- 2L: 2 LTE modules
- 1L: 1 LTE module
- 2AC: 2 802.11AC modules
- 1AC: 1 802.11AC module
- WW: Worldwide LTE band
- EUNA: Europe / North America LTE band
- APAC: Asia Pacific LTE band

- 67: IP67 housing
- 65: IP65 housing
- 54: IP54 housing
- 41: IP41 housing
- 21: IP21 housing
- BB: 2-pairs bypass
- B: 1-pair bypass
- BT: 1-pair copper bypass
- BBT: 2-pairs copper bypass
- BF: 1-pair fiber bypass
- BBF: 2-pairs fiber bypass

TPES-R6416TA-8-PT-MM-XL-XAC-2S-67-12V-BB-E-C 8330-XXXDE-V1-C

- # of uplink ports
- # of major ports
- S: Switch
- C: Converter / Controller
- R: Router
- AP: Access Point
- MR: Mobile Router
- E: Major ports are 10/100TX Ethernet
- G: Major ports are Giga Ethernet
- W: Wireless
- P: PoE
- I: Hardened (Industrial grade)
- L: Non-industrial
- T: EN50155 / Transportation

Model version
R: Rack-mount

- # of serial ports
- S: RS232
- SA: RS422
- SB: RS485

- SM/SX: Single mode fiber
- MM/LX: Multi mode fiber
- Q-ODC: Q-ODC connector
- QSM: Single mode Q-ODC fiber
- QMM: Multi mode Q-ODC fiber

- PT: IEC 61850-3 compliance
- AMA: AREMA compliance
- IGN: Ignition function

of PoE ports
PBT: PoE BT

- Input power:
- 12V=9.5~56VDC
- 24V=9~36VDC / 9~56VDC
- 24VI=9~36VDC with isolation
- 24TV=16.8~56VDC
- 24TVI=16.8~56VDC with isolation
- 72V=50.4~90VDC
- 110V=43~137.5VDC
- HV=90~305VAC/120~430VDC
- WV=16.8~137.5VDC
- WVI=WV with isolation
- DCI=DC input with isolation
- AC=85~265VAC IEC320
- 2P=Dual embedded power

Extended (Wide) operating temperature

Coating

- 7330
- 8330
- 8340
- 000~999
- Extended (Wide) operating temperature
- DDM function
- Version
- Coating