

ProCurve Transceivers



ProCurve Switch Gigabit Stacking Kit (J4116A)

Ports

2 Gigabit transceivers (1 HSSDC port each)
Connector: HSSDC
Duplex: full

Physical characteristics

Dimensions (D x W x H): 9.65 x 5.21 x 2.41 cm (3.8 x 2.05 x 0.95 in.)
Weight: 0.04 kg (0.09 lb.)

Cabling

Type: included with product
Maximum distance: 59,69 cm (23.5 in.)



ProCurve Gigabit-SX Transceiver (J4131B)

Ports

1 1000Base-SX port (IEEE 802.3z Type 1000Base-SX)
Connector: SC
Duplex: full

Physical characteristics

Dimensions (D x W x H): 9.65 x 5.21 x 2.41 cm (3.8 x 2.05 x 0.95 in.)
Weight: 0.04 kg (0.09 lb.)

Cabling

Type: 62.5/125 μm or 50/125 μm (core/cladding) diameter, graded-index, low metal content, multimode fiber-optic, complying with ITU-T G.651 and ISO/IEC 793-2 Type A1b or A1a, respectively

Maximum distance:

- 220 m (62.5 μm core diameter, 160 MHz/km bandwidth)
- 275 m (62.5 μm core diameter, 200 MHz/km bandwidth)
- 500 m (50 μm core diameter, 400 MHz/km bandwidth)
- 550 m (50 μm core diameter, 500 MHz/km bandwidth)



ProCurve Gigabit-LX Transceiver (J4132A)

Ports

1 1000Base-LX port (IEEE 802.3z Type 1000Base-LX)
Connector: SC
Duplex: full

Physical characteristics

Dimensions (D x W x H): 9.65 x 5.21 x 2.41 cm (3.8 x 2.05 x 0.95 in.)
Weight: 0.04 kg (0.09 lb.)

Cabling

Type: either single-mode or multimode

- Low metal content, single-mode fiber-optic, complying with ITU-T G.652 and ISO/IEC 793-2 Type B1
- 62.5/125 μm or 50/125 μm (core/cladding) diameter, graded-index, low metal content, multimode fiber-optic, complying with ITU-T G.651 and ISO/IEC 793-2 Type A1b or A1a, respectively (a mode conditioning patch cord may be needed in some multimode fiber installations)

Maximum distance: 10 km (single mode) or 550 m (multimode)

Used with the following

ProCurve Switch 4108g1 Bundle (J4861A)

ProCurve Switch g1 Transceiver Module (J4864A)

ProCurve Switch 2524 (J4813A)

ProCurve Switch 2512 (J4812A)

ProCurve Switch 2324 (J4818A)

ProCurve Switch 2312 (J4817A)

ProCurve Transceivers



ProCurve 100/1000-T Transceiver (J4834A)

Ports

1 auto-sensing 100/1000 port (IEEE 802.3u 100Base-TX and IEEE 802.3ab 1000Base-T)

Connector: RJ-45

Duplex:

- 100Base-TX: half or full
- 1000Base-T: full

Physical characteristics

Dimensions (D x W x H): 9.65 x 5.21 x 2.41 cm (3.8 x 2.05 x 0.95 in.)

Weight: 0.05 kg (0.11 lb.)

Cabling

Type:

- 100Base-TX: Category 5 (or better), 100 Ω differential unshielded twisted pair (UTP) or shielded twisted pair (STP), complying with IEEE 802.3u 100Base-TX
 - 1000Base-T: Category 5 (5E or better recommended), 100 Ω differential 4-pair unshielded twisted pair (UTP) or shielded twisted pair (STP) balanced, complying with IEEE 802.3ab 1000Base-T
- Maximum distance: 100 m



ProCurve 100-FX SC Transceiver (J4853A)

Ports

1 100Base-FX (IEEE 802.3u Type 100Base-FX)

Connector: SC

Duplex: half or full (full duplex only when installed in unmanaged switches and ProCurve Switch 2500 series)

Physical characteristics

Dimensions (D x W x H): 9.65 x 5.21 x 2.41 cm (3.8 x 2.05 x 0.95 in.)

Weight: 0.04 kg (0.09 lb.)

Cabling

Type: 62.5/125 μm or 50/125 μm (core/cladding) diameter, graded-index, multimode fiber-optic, complying with ITU-T G.651 and ISO/IEC 793-2 Type A1b or A1a, respectively

Maximum distance: 2 km (full duplex) or 412 m (half duplex)

Used with the following

ProCurve Switch 4108g1 Bundle (J4861A)

ProCurve Switch g1 Transceiver Module (J4864A)

ProCurve Switch 2524 (J4813A)

ProCurve Switch 2512 (J4812A)

ProCurve Switch 2324 (J4818A)

ProCurve Switch 2312 (J4817A)

ProCurve Switch 2124 (J4868A)—only the ProCurve 100-FX SC Transceiver (J4853A)