

FortiSwitch Models	FS-TRAN-FX/FTL1217P2BTL 100Mb	FG-TRAN-LX/AFCT-5710PZ 1G	FG-TRAN-GC/FCLF-8521-3 1G	FG-TRAN-SX/AFBR-5710PZ/ FTL8519P3BNL 1G	FS-TRAN-GC/LCP-1250R3SR-K/ FCLF-8521-3 1G	FG-TRAN-SFP+SR/AFBR-709ASMZI/ FTLX8571D3BCL/FTLX8574D3BCL 10G	FG-TRAN-SFP+LR/AFCT-739ASMZI/ FTLX1471D3BCL 10G	FS-TRAN-SFP+SR/FTLX8571D3BCV/ FTLX8574D3BCL 10G	FS-TRAN-SFP+ER/FTLX1672D3BCL 10G	FG-TRAN-QSFP+SR/FTL410QE2C/ QCP-10G3A4EDR 40G	FG-TRAN-QSFP+LR/FTL4C1QE1C 40G	FG-TRAN-QSFP+SR-BIDI/AFBR-79EBPZ 40G	FG-TRAN-QSFP28-SR4/ FTLC9551REPM 100G	FG-TRAN-QSFP28-LR4/ FTLC1151RDPL 100G	FR-TRAN-ZX 1G
FS-424D	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-424D-POE	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-424D-FPOE	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-424E	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-424E-POE	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-424E-FPOE	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-424E-Fiber ¹	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-M426E-FPOE	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-448D	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-448D-POE	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-448D-FPOE	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-448E	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-448E-POE	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-448E-FPOE	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
FS-524D	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	✓
FS-524D-FPOE	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	✓
FS-548D	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	✓
FS-548D-FPOE	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	✓
FSR-112D-POE	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	—	—	✓
FSR-124D	—	✓	✓	✓	✓	—	—	—	—	—	—	—	—	—	✓

1. For the FSW-424E-Fiber model, only 1G transceivers are supported for the first 24 ports; ports 25-28 are 1G/10G capable.

Each row in the following table shows which FN-series transceivers are compatible with each FortiSwitch model.

FortiSwitch Models	FN-TRAN-SX 1G	FN-TRAN-LX 1G	FN-TRAN-SFP+SR 10G	FN-TRAN-SFP+LR 10G	FN-TRAN-SFP+ER 10G	FN-TRAN-SFP+GC 10G	FN-TRAN-SFP28-SR 25G	FN-TRAN-SFP28-LR 25G	FN-TRAN-QSFP+SR 40G	FN-TRAN-QSFP+LR 40G	FN-TRAN-QSFP28-SR 100G	FN-TRAN-QSFP28-LR 100G	FN-TRAN-QSFP28- CWD4 100G
FS-1024D	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-1048D	✓	✓	✓	✓	✓	✓	—	—	✓	✓	—	—	—
FS-1048E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FS-3032D	—	—	—	—	—	—	—	—	✓	✓	—	—	—
FS-3032E	—	—	—	—	—	—	—	—	✓	✓	✓	✓	✓
FS-108E	✓	✓	—	—	—	—	—	—	—	—	—	—	—
FS-108E-POE	✓	✓	—	—	—	—	—	—	—	—	—	—	—
FS-108E-FPOE	✓	✓	—	—	—	—	—	—	—	—	—	—	—
FS-124E	✓	✓	—	—	—	—	—	—	—	—	—	—	—
FS-124E-POE	✓	✓	—	—	—	—	—	—	—	—	—	—	—
FS-124E-FPOE	✓	✓	—	—	—	—	—	—	—	—	—	—	—
FS-124F	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-124F-POE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-124F-FPOE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-148E	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
FS-148E-POE	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
FS-148F	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-148F-POE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-148F-FPOE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-224D-FPOE	✓	✓	—	—	—	—	—	—	—	—	—	—	—
FS-248D	✓	✓	—	—	—	—	—	—	—	—	—	—	—
FS-224E	✓	✓	—	—	—	—	—	—	—	—	—	—	—
FS-224E-POE	✓	✓	—	—	—	—	—	—	—	—	—	—	—
FS-248E-POE	✓	✓	—	—	—	—	—	—	—	—	—	—	—
FS-248E-FPOE	✓	✓	—	—	—	—	—	—	—	—	—	—	—
FS-424D	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-424D-POE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-424D-FPOE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-424E	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-424E-POE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-424E-FPOE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-424E-Fiber ¹	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-M426E-FPOE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-448D	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-448D-POE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-448D-FPOE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-448E	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-448E-POE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-448E-FPOE	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—
FS-524D	✓	✓	✓	✓	✓	✓	—	—	✓	✓	—	—	—
FS-524D-FPOE	✓	✓	✓	✓	✓	✓	—	—	✓	✓	—	—	—
FS-548D	✓	✓	✓	✓	✓	✓	—	—	✓	✓	—	—	—

Direct-Attach Cables and Split Cables

Each row in the table shows which cables are compatible with each FortiSwitch model.

FortiSwitch Models	SP-CABLE-FS-SFP+1/OPSFP-T-01-PEB 10G	SP-CABLE-FS-SFP+3/OPSFP-T-03-PEB 10G	SP-CABLE-FS-SFP+5/OPSFP-T-05-PAB 10G	SP-CABLE-ADASFP+ 10G	SP-CABLE-FS-QSFP+1/OPQSFP-T-01-PEB 40G	SP-CABLE-FS-QSFP+3/OPQSFP-T-03-PEB 40G	SP-CABLE-FS-QSFP+5/OPQSFP-T-05-PCB 40G	FG-TRAN-QSFP-4XSFP ² 40G/100G	FG-TRAN-QSFP-4SFP-5 ² 40G/100G
FS-1024D	✓	✓	✓	✓	—	—	—	—	—
FS-1048D	✓	✓	✓	✓	✓	✓	✓	—	—
FS-1048E	✓	✓	✓	✓	✓	✓	✓	✓	✓
FS-3032D	—	—	—	—	✓	✓	✓	✓	✓
FS-3032E	—	—	—	—	✓	✓	✓	✓	✓
FS-424D	✓	✓	✓	✓	—	—	—	—	—
FS-424D-POE	✓	✓	✓	✓	—	—	—	—	—
FS-424D-FPOE	✓	✓	✓	✓	—	—	—	—	—
FS-424E	✓	✓	✓	✓	—	—	—	—	—
FS-424E-POE	✓	✓	✓	✓	—	—	—	—	—
FS-424E-FPOE	✓	✓	✓	✓	—	—	—	—	—
FS-424E-Fiber	✓	✓	✓	✓	—	—	—	—	—
FS-M426E-FPOE	✓	✓	✓	✓	—	—	—	—	—
FS-448D	✓	✓	✓	✓	—	—	—	—	—
FS-448D-POE	✓	✓	✓	✓	—	—	—	—	—
FS-448D-FPOE	✓	✓	✓	✓	—	—	—	—	—
FS-448E	✓	✓	✓	✓	—	—	—	—	—
FS-448E-POE	✓	✓	✓	✓	—	—	—	—	—
FS-448E-FPOE	✓	✓	✓	✓	—	—	—	—	—
FS-524D	✓	✓	✓	✓	✓	✓	✓	✓	✓
FS-524D-FPOE	✓	✓	✓	✓	✓	✓	✓	✓	✓
FS-548D	✓	✓	✓	✓	✓	✓	✓	✓	✓
FS-548D-FPOE	✓	✓	✓	✓	✓	✓	✓	✓	✓
FS-124F	✓	✓	✓	✓	—	—	—	—	—
FS-124F-POE	✓	✓	✓	✓	—	—	—	—	—
FS-124F-FPOE	✓	✓	✓	✓	—	—	—	—	—
FS-148F	✓	✓	✓	✓	—	—	—	—	—
FS-148F-POE	✓	✓	✓	✓	—	—	—	—	—
FS-148F-FPOE	✓	✓	✓	✓	—	—	—	—	—

2. Breakout cables only

CHANGE LOG	
July 11, 2018	Initial document release
July 12, 2018	Updated the 100G columns.
July 25, 2018	Added a table for direct-attach cables and split cables.
September 4, 2018	Changed the speed for FS-TRAN-FX. Added SP-CABLE cables.
May 16, 2019	Added rows for FS-3032E, FS-148E, and FS-148E-POE. Removed FortiSwitch models that do not support direct-attach cables and split cables from the second table.
June 13, 2019	Updated the FS-3032E row.
October 18, 2019	Added FN-TRAN-SFP+GC.
November 5, 2019	Added 3032E to the second table.
December 3, 2019	Corrected cable name.
December 10, 2019	Added FR-TRAN-ZX.
February 14, 2020	Removed FS-TRAN-SFP+GC and FS-TRAN-SFP+LRM. Added FS-424E, FS-424E-POE, FS-424E-FPOE, FS-424E-Fiber, and FS-M426E-FPOE.
March 12, 2020	Added FG-TRAN-QSFP+SR-BIDI/AFBR-79EBPZ. Updated which switches support FR-TRAN-ZX.
April 6, 2020	Added FS-448E, FS-448E-POE, and FS-448E-FPOE.
April 29, 2020	Added 1048E support for FG-TRAN-QSFP-4XSFP and FG-TRAN-QSFP-4SFP-5.
May 4, 2020	Added 13 FN-series transceivers. Corrected the FS-3032D row in the first table.
July 22, 2020	Added vendor part numbers to SP-CABLE cables.
August 17, 2020	Expanded the note for the FS-424E-Fiber model.
November 30, 2020	Removed SP-CABLE-FS-SFP+7/OPSFPP-T-07-PAB. Added the FS-1xxF models.
December 2, 2020	Removed FN-TRAN-GC support by the FS-1024D and FS-1048D models.
December 3, 2020	Removed FN-TRAN-GC and FCLF8521P2BTL.
January 15, 2021	Updated the FS-148F-FPOE row in the first table. Corrected the description of FR-TRAN-ZX.
March 22, 2021	Added FS-124F, FS-124F-POE, FS-124F-FPOE, FS-148F, FS-148F-POE, and FS-148F-FPOE to the Direct-Attach Cables and Split Cables table.
March 31, 2021	Updated note 2.
April 3, 2021	Added FS-1xxF support for FN-TRAN-SFP+LR, FN-TRAN-SFP+ER, and FG-TRAN-SFP+GC.

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