

sfp

Module	Débit	Type de fibre	Distance max	Longueur d'onde	Norme / Usage
SFP	1 Gbps	Multimode (OM1/OM2)	550 m	850 nm	1000BASE-SX
SFP	1 Gbps	Monomode	10 km	1310 nm	1000BASE-LX
SFP	1 Gbps	Monomode	40 km	1550 nm	1000BASE-ZX (non standard IEEE)
SFP	1 Gbps	Monomode	80 km	1550 nm	1000BASE-EX (non standard)
SFP+	10 Gbps	Multimode (OM3)	300 m	850 nm	10GBASE-SR
SFP+	10 Gbps	Multimode (OM4)	400 m	850 nm	10GBASE-SR
SFP+	10 Gbps	Multimode (OM5)	400 m	850-950 nm	10GBASE-SR
SFP+	10 Gbps	Monomode	10 km	1310 nm	10GBASE-LR
SFP+	10 Gbps	Monomode	40 km	1550 nm	10GBASE-ER
SFP+	10 Gbps	Monomode	80 km	1550 nm	10GBASE-ZR (non standard)
SFP+	10 Gbps	Cuivre (twinx)	7 m	-	10GBASE-CR
SFP28	25 Gbps	Multimode (OM3)	70 m	850 nm	25GBASE-SR
SFP28	25 Gbps	Multimode (OM4)	100 m	850 nm	25GBASE-SR
SFP28	25 Gbps	Monomode	10 km	1310 nm	25GBASE-LR
SFP28	25 Gbps	Monomode	40 km	1550 nm	25GBASE-ER
QSFP+	40 Gbps	Multimode (OM3)	100 m	850 nm	40GBASE-SR4
QSFP+	40 Gbps	Multimode (OM4)	150 m	850 nm	40GBASE-SR4
QSFP+	40 Gbps	Monomode	10 km	1310 nm	40GBASE-LR4
QSFP+	40 Gbps	Monomode	40 km	1550 nm	40GBASE-ER4
QSFP+	40 Gbps	Cuivre (DAC)	7 m	-	40GBASE-CR4
QSFP28	100 Gbps	Multimode (OM3)	70 m	850 nm	100GBASE-SR4
QSFP28	100 Gbps	Multimode (OM4)	100 m	850 nm	100GBASE-SR4
QSFP28	100 Gbps	Multimode (OM5)	150 m	850-950 nm	100GBASE-SR4 / SWDM4
QSFP28	100 Gbps	Monomode	2 km	1310 nm	100GBASE-LR4
QSFP28	100 Gbps	Monomode	10 km	1310 nm	100GBASE-ER4 Lite
QSFP28	100 Gbps	Monomode	40 km	1550 nm	100GBASE-ER4
QSFP28	100 Gbps	Monomode	80 km	1550 nm	100GBASE-ZR (coherent)
QSFP28	100 Gbps	Cuivre (DAC)	5 m	-	100GBASE-CR4
QSFP56	200 Gbps	Multimode (OM4)	100 m	850 nm	200GBASE-SR4
QSFP56	200 Gbps	Monomode	2 km	1310 nm	200GBASE-DR4
QSFP56	200 Gbps	Monomode	10 km	1310 nm	200GBASE-FR4
QSFP56	200 Gbps	Monomode	40 km	1550 nm	200GBASE-LR4
QSFP56	200 Gbps	Monomode	80 km	1550 nm	200G-ZR (coherent)

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Module	Débit	Type de fibre	Distance max	Longueur d'onde	Norme / Usage
QSFP-DD	400 Gbps	Multimode (OM4)	100 m	850 nm	400GBASE-SR8
QSFP-DD	400 Gbps	Monomode	500 m	1310 nm	400GBASE-DR4
QSFP-DD	400 Gbps	Monomode	2 km	1310 nm	400GBASE-FR4
QSFP-DD	400 Gbps	Monomode	10 km	1310 nm	400GBASE-LR4
QSFP-DD	400 Gbps	Monomode	80 km	1550 nm	400G-ZR (coherent OpenZR+)
QSFP-DD	400 Gbps	Cuivre (DAC)	3 m	-	400GBASE-CR8 (rare)
OSFP	400 Gbps	Monomode	2 km	1310 nm	400GBASE-FR8
OSFP	400 Gbps	Monomode	10 km	1310 nm	400GBASE-LR8
OSFP	400 Gbps	Monomode	80 km	1550 nm	400G-ZR
QSFP-DD 800G	800 Gbps	Multimode (OM5)	100 m	850 nm	800GBASE-SR8
QSFP-DD 800G	800 Gbps	Monomode	2 km	1310 nm	800GBASE-DR8
QSFP-DD 800G	800 Gbps	Monomode	10 km	1310 nm	800GBASE-FR8
QSFP-DD 800G	800 Gbps	Monomode	80 km	1550 nm	800G-ZR