



**Cisco Network Convergence System Routers
NCS 520 Series
Optics Matrix**

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Optics Matrix for Cisco NCS 520 Router

Part Number	Description	Supported Release
Fast Ethernet SFPs		
GLC-FE-100LX	100BASE-LX SFP for FE port	16.8.1
GLC-FE-100BX-D	100BASE-BX10-D SFP	16.8.1
GLC-FE-100BX-U	100BASE-BX10-U SFP	16.8.1
GLC-FE-100EX	100BASE-EX SFP (40km)	16.8.1
GLC-FE-100ZX	100BASE-ZX SFP (80km)	16.8.1
GLC-FE-100FX	100BASE-FX SFP for FE port	16.8.1
GLC-FE-100LX-RGD=	100BASE-LX SM Rugged SFP	16.8.1
GLC-FE-100FX-RGD=	100BASE-FX MM Rugged SFP	16.8.1
ONS-SE-100-BX10D=	SFP-10/100 BX-D, EXT	16.8.1
ONS-SE-100-BX10U=	SFP-10/100 BX-U, EXT	16.8.1
GigabitEthernet SFPs		
GLC-SX-MM-RGD	1000Mbps Multi-Mode Rugged SFP	16.8.1
GLC-LX-SM-RGD	1000Mbps Single Mode Rugged SFP	17.7.1
GLC-ZX-SM-RGD	1000BASE-ZX Single Mode RuggedSFP	16.8.1
GLC-BX-D=	1000BASE-BX SFP, 1490nm	16.8.1
GLC-BX-U=	1000BASE-BX SFP, 1310nm	16.8.1
GLC-EX-SMD	GE SFP, LC Connector, EX transceiver	16.8.1
GLC-SX-MMD	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM	16.8.1
GLC-LH-SMD	1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM	16.8.1
GLC-ZX-SMD	1000BASE-ZX SFP transceiver module, SMF, 1550nm, DOM	16.8.1
GLC-LH-SM	GE SFP, LC connector LX/LH transceiver	NS
GLC-SX-MM	GE SFP, LC connector SX transceiver	16.8.1
GLC-ZX-SM	1000BASE-ZX SFP	NS
GLC-T=	1000BASE-T SFP	16.8.1
GLC-TE	1000BASE-T SFP	16.8.1
SFP-GE-T	1000BASE-T SFP (NEBS 3 ESD)	16.8.1
SFP-SX-MM		16.8.1
Colored TenGigabitEthernet Pluggables		
DWDM-SFP10G-xx.xx	DWDM SFP+	16.8.1
CWDM-SFP10G-xxxx	8 wavelengths CWDM optics SFP+	16.8.1
TenGigabitEthernet SFP+		
SFP-10G-SR		16.8.1

Part Number	Description	Supported Release
SFP-10G-LR		16.8.1
SFP-10G-LRM		16.8.1
SFP-H10GB-CU1M		16.8.1
SFP-H10GB-CU3M		16.8.1
SFP-H10GB-CU5M		16.8.1
SFP-10G-ER		16.8.1
SFP-10G-ZR		16.8.1
SFP-10G-SR-X	Extended version of SR SFP+	16.8.1
SFP-10G-LR-X	Extended version of LR SFP+	16.8.1
SFP-10G-ER-S		16.12.3
SFP-10G-SR-S		16.12.3
SFP-10G-LR-S		16.12.3
SFP-10G-BXD-I	10G BX 10Km SFP+	17.3.1
SFP-10G-BXU-I	10G BX 10Km SFP+	17.3.1
SFP-10G-BX40D-I	10G BX 40Km SFP+	17.3.1
SFP-10G-BX40U-I	10G BX 40Km SFP+	17.3.1
SFP-10G-SR-S		17.3.1
SFP-10G-ZR-S		17.6.1