



Home > IBM > Transceivers & Modules > 46C3448

46C3448 – IBM 10GB SFP + Transceiver Short Range

✓ Government record, cited

IBM · TRANSCEIVER · SFP_10G

PRODUCT OVERVIEW

IBM 10GB SFP + TRANSCEIVER SHORT RANGE

46C3448: IBM 10GB SFP + Transceiver Short Range.

IBM 10GB SFP + TRANSCEIVER SHORT RANGE. Key specifications include Depth: 56.5 mm, Width: 13.4 mm, Height: 8.5 mm, Wavelength: 850 nm, Certification: MSA, Auto MDI/MDI-X: Yes. This part is cataloged in the U.S.

Government catalog under NSN 5998-01-677-5331, indicating validated use in U.S. government and defense logistics supply chains. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels.

Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

TRANSCEIVER → SFP_10G →

46C3448

NSN: 5998-01-677-5331

FSC: 5998 — Electrical and Electronic Assemblies, Boards, Cards, and Associated Hardware

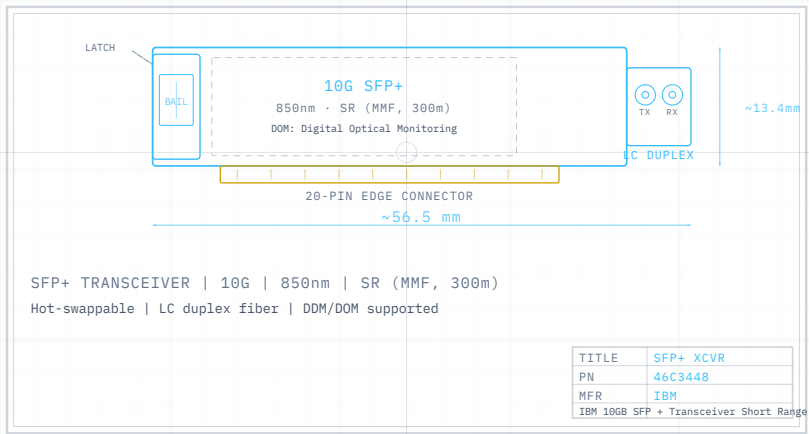
CAGE: 30874 — INTERNATIONAL BUSINESS MACHINES CORPORATION DBA IBM (USA)

SPECIFICATIONS

Depth	56.5 mm
Width	13.4 mm
Height	8.5 mm
Wavelength	850 nm
Certification	MSA
Auto MDI/MDI-X	Yes
Interface type	SFP+
Hot-Plug support	Yes
Cabling technology	10GBASE-SR

Networking standards	IEEE 802.3, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3u
SFP transceiver type	Fiber optic
SFP transceiver standard	SR
NSN	5998-01-677-5331

COMPONENT DIAGRAM



KEY FEATURES

- 10GB Capacity

TYPICAL APPLICATIONS

- Data center switch-to-switch interconnects
- Server-to-storage fabric connectivity
- Long-distance fiber optic links
- High-speed uplink connections (10G/25G/40G/100G)

TECHNICAL CHARACTERISTICS

SPECIAL FEATURES

PLUG-IN MODULE

PART NAME ASSIGNED BY CONTROLLING AGENCY

SHORT RANGE, TRANSCEIVER MODULE

OTHER ITEMS IN FSC 5998 — ELECTRICAL AND ELECTRONIC ASSEMBLIES, BOARDS, CARDS, AND ASSOCIATED HARDWARE

Items in the same Federal Supply class. No interchangeability or substitution relationship is implied.

5998-00-000-0087

5998-00-000-0089

5998-00-000-0154

5998-00-000-0173

5998-00-000-0175

5998-00-000-0177

5998-00-001-1267

5998-00-001-1271

SUBSTITUTES & CROSS-REFERENCES 2

46C3447
Substitute
BROKER-VERIFIED
 IBM 10GB SFP + Transceiver Short Range substitute

46C3449
Substitute
BROKER-VERIFIED
 IBM 10GB SFP + Transceiver Short Range substitute

LIFECYCLE

NSN status
 Active
 · U.S. Government catalog

No demilitarization required

THIS PART SUBSTITUTES FOR 2

46C3447
SUBSTITUTE
 IBM GBIC SFP+ 10GbE SR LC 850nm AFBR-709SMZ-IB8 Transceiver Module - P/N IBM

46C3449
SUBSTITUTE
 IBM GBIC SFP+ 10GbE SR LC 850nm AFBR-709SMZ-IB8 Transceiver Module - P/N IBM

FREQUENTLY ASKED QUESTIONS

What is 46C3448?

46C3448 is a IBM 10GB SFP + Transceiver Short Range manufactured by IBM. It is classified as a TRANSCEIVER (SFP_10G).

What parts can replace 46C3448?

There are 2 known substitutes for 46C3448: 46C3447, 46C3449. Substitute compatibility should be verified for your specific system.

What is the NSN for 46C3448?

46C3448 is cataloged in the U.S. Government catalog under NSN 5998-01-677-5331. This indicates validated use in U.S. government and defense supply chains.


 PartsTable — the parts reference. Every fact cited to its source.


 PartsTable Design LLC · partstable.com

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable commercial catalog: edition Unified commercial catalog snapshot through 2026-09-28, edition date not on file, retrieved 2026-09-28.