

iConverter[®]
Managed Fiber Media Converter
Product Family

iConverter XG and XG+
Discontinued and Replacement Model
Feature Differences and Improvements

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1.0 SCOPE

This application note describes the improvements and feature differences between the discontinued XG and XG+ models and the replacement models.

2.0 AFFECTED MODELS

The following table lists the model numbers of the discontinued and the replacement models.

| Product Function | Discontinued Models | Replacement Models |
|------------------|---------------------|--------------------|
| XG SFP+/SFP+ | 8599-00 | 8599P-00 |
| XG SFP+/XFP | 8599-01 | 8599P-01 |
| XG XFP/XFP | 8599-11 | 8599P-11 |
| XG+ SFP+/SFP+ | - | 8599R-00 |
| XG+ SFP+/XFP | 8599N-01 | 8599R-01 |
| XG+ XFP/XFP | 8599N-11 | 8599R-11 |

XG/XG+ Model Number Comparison

3.0 IMPROVEMENTS AND DIFFERENCES

3.1 Improvements

The replacement XG/XG+ models provide several new feature improvements.

1. Data rate range has been improved from 9.95G-11.3G to 6G-11.3G. This range improvement enables support for applications in the lower data rates such as the 6G CPRI and the 8G Fiber Channel.
2. The data rate selection is now done automatically by the replacement XG/XG+ modules. It is no longer required to set the data rate using DIP switches. No reconfiguration of the product is required when using in different applications; the product self-adapts to the application being used.

3.2 Differences

The replacement XG/XG+ models provide a couple of changes from the discontinued models.

1. The built-in Self Diagnostic Circuit Test feature which tests the fiber links between two connected replacement XG/XG+ modules is not backward compatible. This means that replacement models support the test with other replacement models but do not interoperate with the discontinued models.
2. The on-board Forward Error Correction (FEC) feature is not supported on the replacement models.

4.0 XG/XG+ MANAGEMENT CONSIDERATIONS

1. To manage the replacement plug-in models, the firmware of the Management Module (e.g. NMM2) must be Rev 5.2.25 or higher.
2. To manage the replacement plug-in models using the NetOutlook management software, the firmware of the Management Module must be Rev. 5.2.25 or higher and the NetOutlook management software must be Rev 5.2.15 or higher.