

# Optical Switch XN Series



## Key Features

High Repeatability

Bidirectional switching

Simple and easy GUI

RS-232 and Ethernet SCPI Interface

## Overview

The **PhotonCom Optical Switch XN Series** provides high accurate and repeatable switching. The XN Series offers a choice of configuration from 1x2 to 1x32 built into a compact 1U or 2U standard 19" rackmount chassis.

They are programmable and can be controlled using the front panel keys or via RS-232 and Ethernet.

## Applications

Fiberoptic components testing and measurement

System testing

Manufacturing

Research and development

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## Optical Specifications

	Unit	Min	Typ	Max
Wavelength range	nm	1260		1650
Insertion loss 1<N≤32 <sup>1</sup>	dB		0.8	1.0
Crosstalk	dB			-80
Return loss	dB		43/60 <sup>2</sup>	
Switching time	ms		300	
Repeatability <sup>3</sup>	dB		±0.02	
Polarization dependent loss	dB			0.05
Durability	cycles		10 <sup>7</sup>	
Max optical power per port	mW			300

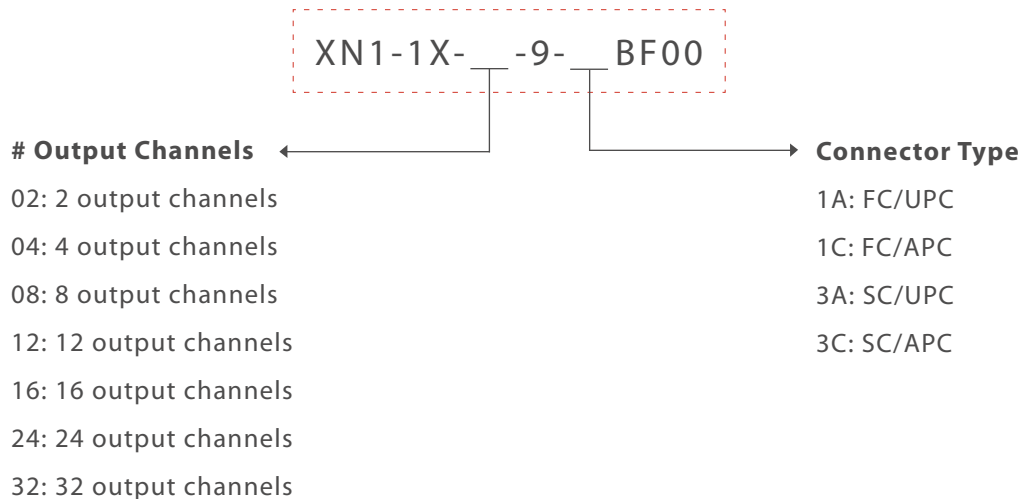
<sup>1</sup> Value at 25°C, without connectors. Add max 0.5 dB per connector (0.2 dB typ).

<sup>2</sup> Straight connector / Angled connector

<sup>3</sup> For constant temperature and polarization

› Product specifications and descriptions provided in this document are subject to change without notice.

## Ordering Information



› Example: XN-1X-08-9-1CBF00

› Custom configurations available upon request.