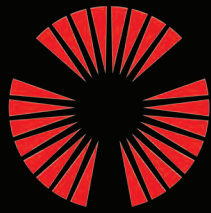


# YAMASAKI C1 Series

Media Converter

Multimode to Singlemode SC 25/40/60/80 and 100km.



**YAMASAKI**  
Optical Technology

## Reliable, Stable and Smart.

The Yamasaki C1 Series Multimode to Singlemode Media Converters are often used in pairs to convert Gigabit Multimode to Singlemode fiber. This can vastly increase the range of data networks. They operate bi-directionally at a data rate of 100Mbps. The innovative LED indicators can display data transfer rate, packet movement, connection status, full or half duplex and power status. Yamasaki C1 Series Multimode to Singlemode Media Converters have a strong aluminium outer housing, providing excellent heat dissipation and are useable stand alone or rack mountable

## Features:

- Range: 25/40/60/80 and 100km
- Wavelength: 850nm to 1310nm
- Fiber Optic Connector: Dual SC to Dual SC
- Fiber Type – Multimode to Singlemode
- High Performance 1.4Gbps memory bandwidth
- Data Rate - 100Mbps
- Supports IEEE 802.3x full-duplex flow control and back pressure half-duplex flow control
- LED status of Link, activity, Full/half duplex, speed and power on diagnostic function
- extremely low power consumption and low heat
- reliable and stable performance

## Applications:

- Network Communication
- FTTH/FTTB/FTTx
- ISB Backhaul Networking

## Recommended for use with:

Yamasaki R142 Rack Mount 19" 2RU



# YAMASAKI C1 Series

Model	C1 Series
Form Factor	100M Fiber Mode Converter
Data Rate	100Mbps
Fiber Interface	2x 100Base-FX
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Wavelength	850nm to 1310nm
Media	MMF to SMF
Reach	25/40/60/80 and 100km
Device Type	Unmanaged
Connector	DC5V
Operating Components	100 Base-FX to 100Base-FX
Operating Temperature	0°C~55°C
Application	Network Communication
	FTTH/FTTB/FTTx
	ISP Backhaul Networking
LED	FX LINK, FX ACT, PWR, FDX
Safety & Emission	CE, FCC, RoHS
Dimension	94mm x 70mm x 26mm
Gross Weight	0.4 kg

Ordering Code:	Description:
C125C	Media Converter MM/SC-SM/SC/25km/FE
C140C	Media Converter MM/SC-SM/SC/40km/FE
C160C	Media Converter MM/SC-SM/SC/60km/FE
C180C	Media Converter MM/SC-SM/SC/80km/FE
C1100C	Media Converter MM/SC-SM/SC/100km/FE



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Optical Technology

More information and details visit  
[www.yamasakiot.com](http://www.yamasakiot.com)

Specifications and descriptions are  
subject to change without prior notice.

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