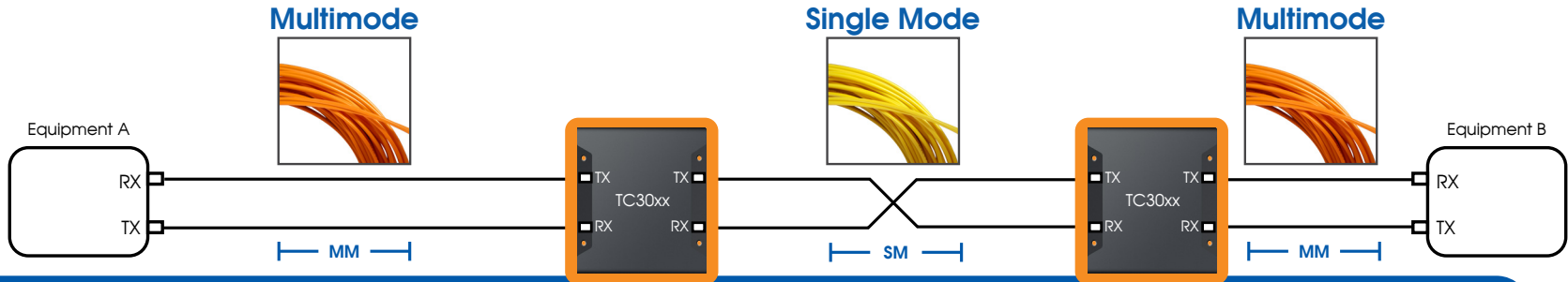


# Mode Converter Selection Guide

Multimode - Single Mode - Multimode



TC COMMUNICATIONS®



## Multimode

Products	Data Rates	Format		MM Optics		Connector		
		Bursty	Continuous	850nm	1300nm	SC	ST	FC
TC3004	OC-12 622Mbps	x	✓	x	✓	x		N/A
TC3005	100Base-FX, 155Mbps	x	✓					
TC3024	600bps~10Mbps	✓	✓			x		x
TC3025	C37.94	✓	✓			x		x
TC3026	64kbps-52Mbps	✓	✓			x		x

FC Connector not available for 850nm

## Single Mode

Connector			SM Optics		Connector		
SC	ST	FC	1310nm	1550nm	SC	ST	FC
x		N/A		x	x		N/A
x		x			x		x
x		x			x		x
x		x			x		x

## Multimode

MM Optics		Connector		
850nm	1300nm	SC	ST	FC
N/A	✓	x		N/A
		x		x
		x		x
		x		x

FC Connector not available for 850nm

## Multimode Optics

Loss Budget	All others	850nm	1300nm
		15dB ✓	15dB ✓

## Single Mode Optics

1310nm	1550nm
15dB	
20dB	
25dB	
	30dB

## Multimode Optics

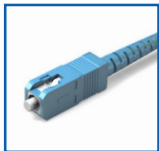
850nm	1300nm
15dB ✓	15dB ✓

## Connectors

ST



SC



FC



AC

DC

US	UK	EU	12VDC	24VDC	-48VDC	125VDC

AC

DC

US	UK	EU	12VDC	24VDC	-48VDC	125VDC

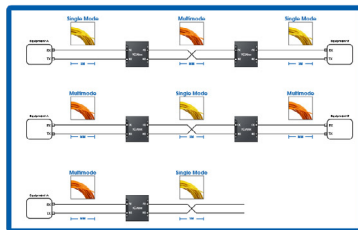


TC COMMUNICATIONS®

# Mode Converter Selection Guide

## Instructions

### 1 Choose Application



### 2 Choose Data Rate

Products	Data Rates	Format	
		Bursty	Continuous
TC3004	OC-12 64M/bps	X	✓
TC3005	70Mbps-200Mbps	X	✓
TC3024	30bps-10Mbps	✓	✓
TC3025	C37.94	✓	✓
TC3026	64kbps-52Mbps	✓	✓

### 3 Choose Optics

MM Optics		SM Optics		MM Optics	
850nm	1300nm	1310nm	1550nm	850nm	1300nm
N/A	✓			N/A	✓
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### 4 Choose Connectors

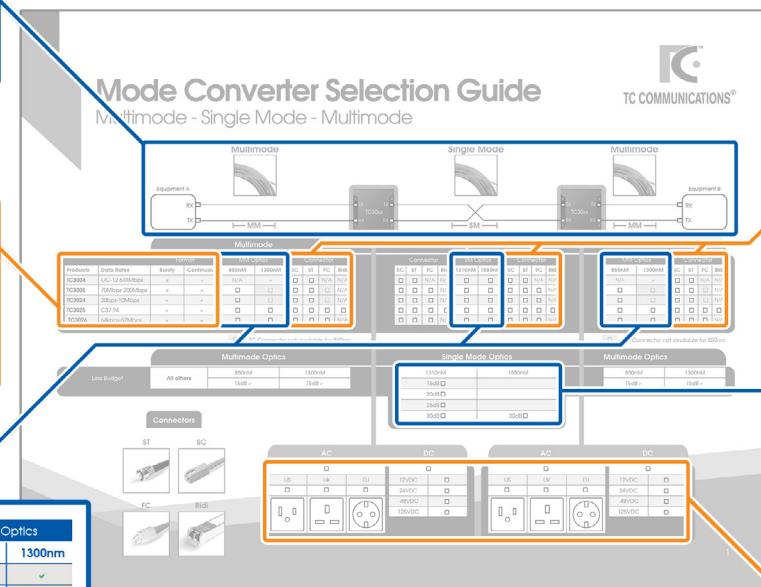
Connector				Connector			Connector				
SC	ST	FC	SFP	SC	ST	FC	SFP	SC	ST	FC	SFP
<input type="checkbox"/>	<input type="checkbox"/>	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	N/A	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
<input type="checkbox"/>	<input type="checkbox"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

### 5 Choose Loss Budget

1310nm	1550nm
15dB <input type="checkbox"/>	
20dB <input type="checkbox"/>	
25dB <input type="checkbox"/>	
30dB <input type="checkbox"/>	30dB <input type="checkbox"/>

### 6 Choose Power Supply

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US <input type="checkbox"/>	UK <input type="checkbox"/>	EU <input type="checkbox"/>	
			<input type="checkbox"/>
			12VDC <input type="checkbox"/>
			24VDC <input type="checkbox"/>
			-48VDC <input type="checkbox"/>
			125VDC <input type="checkbox"/>



Designed and made in  
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Note: Information contained in this data sheet is subject to change without prior notice.  
LT221221 ver122322

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