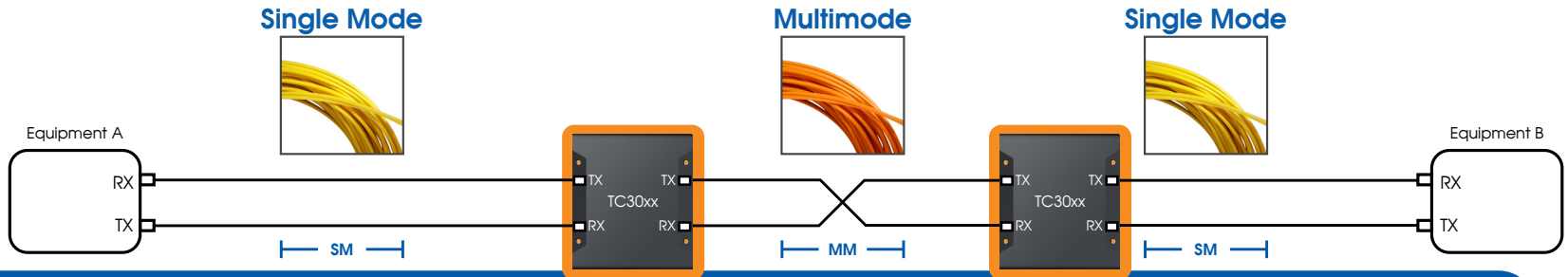


Mode Converter Selection Guide

Single Mode - Multimode - Single Mode



TC COMMUNICATIONS®



Single Mode

Multimode

Single Mode

Products	Data Rates	Format		Connector			SM Optics		Connector		
		Bursty	Continuous	SC	ST	FC	1310nm	1550nm	SC	ST	FC
TC3004	OC-12 622Mbps	x	✓	x		N/A		x	x		N/A
TC3005	100Base-FX, 155Mbps	x	✓								
TC3024	600bps~10Mbps	✓	✓	x		x			x		x
TC3025	C37.94	✓	✓	x		x			x		x
TC3026	64kbps-52Mbps	✓	✓	x		x			x		x

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

	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

FC Connector not available for 850nm

FC Connector not available for 850nm

Single Mode Optics

Multimode Optics

Single Mode Optics

Loss Budget

	1310nm	1550nm
	20dB	
	25dB	
		30dB

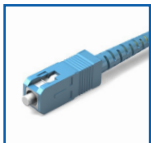
All others	850nm	1300nm
	15dB ✓	15dB ✓

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

Connectors

ST

SC



FC



AC

DC

AC

DC

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

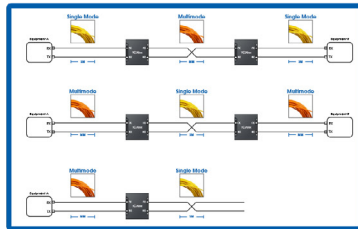


TC COMMUNICATIONS®

Mode Converter Selection Guide

Instructions

1 Choose Application



2 Choose Data Rate

Products	Data Rates	Format	
		Bursty	Continuous
TC3004	OC-12 64Mbps	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

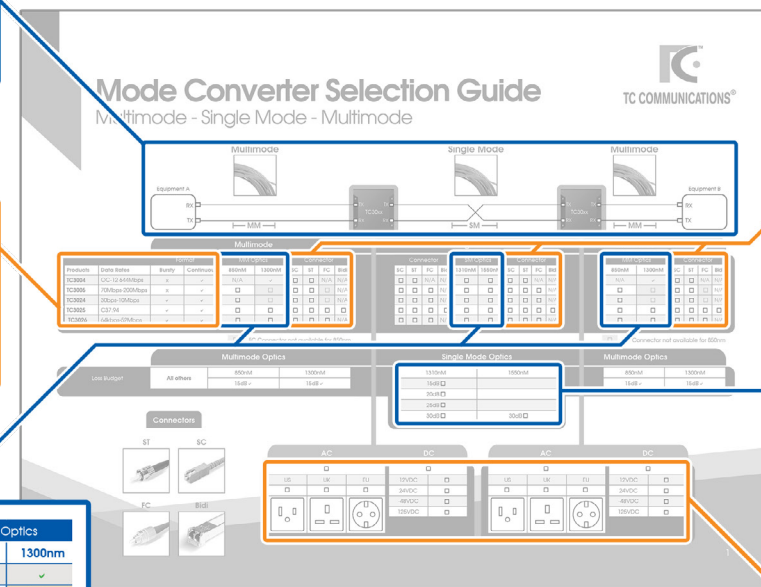
Connector				Connector				Connector			
SC	ST	FC	SFP	SC	ST	FC	SFP	SC	ST	FC	SFP
<input type="checkbox"/>	<input type="checkbox"/>	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	N/A	N/A
<input type="checkbox"/>	<input type="checkbox"/>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

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"/>



17881 Cartwright Road Irvine, CA 92614 | +1-949-852-1972 | tccomm.com

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