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LT10 Single Fiber Collimators

LIGHTech's LT10 Collimators offer precise beam alignment for fiber-to-fiber applications. Collimator function is based on spot size, insertion loss and working distance and LIGHTech custom manufactures collimators to customer needs based on spot size or working distance.

Features

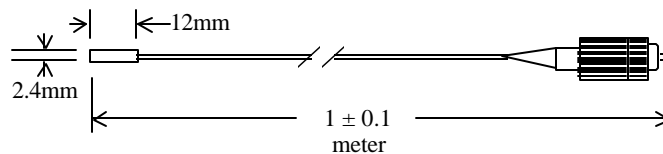
- Low insertion loss to 0.2 dB per matched pair*
 - Spot Size window from 360 to 540 μm
 - Working distance from 5 to 50 mm
- * At 10mm working distance.

Performance Specifications:

Specifications		Units
Insertion Loss (Pair) **	0.4	dB
Back Reflection	-65	dB
PDL	0.02	dB

All specifications referenced without connectors.
 ** Based on non-matched pair at 25mm working distance.

Dimensions



Ordering Information:⁽³⁾

Example: C5NS35M-FCU2

Code		Wavelength		Code		Tubing		Code		Working Distance		Code		Connector Type	
3		1310	SM ⁽¹⁾	G		35	35 mm	FCA		FC/APC					
5		1550	SM ⁽¹⁾	M		50	50 mm	FCP		FC/PC					
8		850	MM ⁽²⁾				etc.	FCU		FC/APC					
D		1310/1550 dual	SM ⁽²⁾				etc.	SCP		SC/APC					
S		Special	Wavelength ⁽²⁾				etc.	SCU		SC/PC					
						NS	Not Specified	STP		ST/PC					
								XXX		No Connectors					
								SSS		Special					

- (1) Product standards
 (2) Cause specification change
 (3) Custom specifications available

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