



FIBRE OPTIC TOOLS & TEST EQUIPMENT

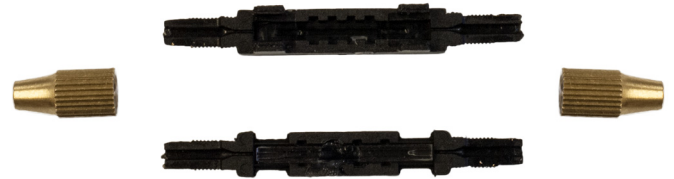
MECHANICAL SPLICE

PRODUCT SPECIFICATIONS

Linxcom Mechanical splices are used in mechanical fixtures to align and connect optical fibres.

Mechanical splices are most popular for fast, temporary restoration.

It is an inexpensive and quick alternative to fusion splicing and is used to ensure fibres are fused properly.



TECHNICAL SPECIFICATIONS

Low Insertion Loss	≤0.3 (Typical 0.1db)	Operating Temperature (°C)	-40~+70
Return Loss	≥45	Storage Temperature (°C)	-40~+85
Short Installation Time	30s	Damp Heat Storage (°C)	<0.2dB change (85%RH,85°C)
Fibre Coating Range	250~900	Temperature Cycling (°C)	<0.5dB -40~+85 (500 cycles)
Tensile Strength	4N	Shelf life	25years
Water Immersion	<0.2dB (168H@43°C, PH=5.5±0.5)	Vibration	20 to 2000Hz: three axis, 4min per cycle. 0.2dB change: two hours in each plane
Dimensions	5x6.7x38mm	Fibre Type	Single Mode/Multi Mode
Thermal Shock	<0.2dB (100°C~0°C, 10 cycles)		

ORDERING INFORMATION

Product Code	Description
LXM10FTMS	Linxcom Tool Free Mechanical Splice