

- Available in 1:2, 1:4 or 1:8-way splitter options
- Provides moisture and dust protection for use in harsh industrial environments
- IP68 protection, salt mistproof, humidity-proof, dustproof
- Drastically reduces field splicing with a predetermined loss at each waterproof tether access point
- Compatible with legacy hardened connector systems



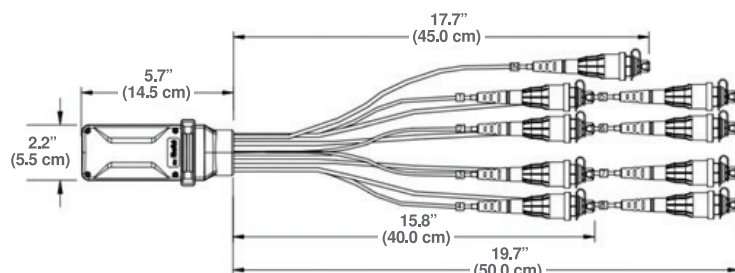
Other features

- Utilizes traditional field installation techniques for aerial, below ground (vault) and duct applications
- Reduces installation time by as much as 50% per network access point
- 100% optically tested to ensure quality performance assemblies
- Broad temperature range -40°C to +85°C (-40°F to +185°F) is ideal for indoor or outdoor applications
- Allows for easy installation in areas where moisture can be a problem (eg. pedestals, vaults, congested pits)

Fiber optic mini flexible service terminals

Technetix' mini flexible fiber access terminals provide the most cost-effective and rapid method of deploying optical fiber in outside plant (OSP) distribution networks compared to traditional field installations. These mini flexible fiber access terminals guarantee an easy, one-step connection system with the combined push-pull insertion and nut-style mechanical latch. Lindsay's mini terminals provide fast installation options and great performance on mating with SuperTap® connectors. SuperTap connectors are backward compatible with legacy hardened connector systems. Hardened connectors provide an environmental seal for use in rugged outside plant applications. Staggered length connector cables provide installers with flexibility in tight and challenging installation scenarios.

Mechanical specifications diagram (8-port)



LB-FST device and performance specifications

Parameter	LB-FST series	Units	Notes
Type	1:2, 1:4 or 1:8-way		
Product type	Splitter terminal		
IP rating	IP68		
Components compliant	RoHS		
Standards	Comply to GR-3120, GR-3152, IEC 61753-1, IEC 61754-4		
Fiber type	ITU-T G.657A2		
Entrance	Technetix' SuperTap, compatible with legacy hardened connector system		
Splitter	1:2, 1:4 or 1:8-way		
Cable length	Customized		
Cable diameter	5.0 mm (0.2")	mm/in	
Cable jacket material	Thermoplastic polyurethane (TPU)		
Dust cap pulling force (max.)	100	lb	

Breakout

Parameter	LB-FST series	Units	Notes
Cable type	Round outdoor cable		
Cable size	5.0 mm (0.2")	mm/in	
Cable length	Customized (see mechanical specifications drawing)		
Attenuation (max.)	@ 1310 nm	0.4	dB/km
	@ 1550 nm	0.3	dB/km
Directivity (min.)	60	dB	
Wavelength range	1260-1635	nm	
Insertion loss	1:2	≤ 4.1	dB
	1:4	≤ 7.4	dB
	1:8	≤ 10.5	dB

Mechanical and environmental specifications

Parameter	LB-FST series	Units	Notes
Operating temperature	-40°C to +85°C (-40°F to +185°F)	°C/°F	
Dimensions (L x W)	1:8 25.4"L*2.2"W (64.5L*5.5W cm)	in/cm	

Order information (LB-FST)

LB-FST	Splitter configuration
xxx	102 = 1x2 splitter 104 = 1x4 splitter 108 = 1x8 splitter

Example

Part # **LB-FST-108**
 Mini flexible fiber access terminal with 1x8 splitter

Order information (drop cables)

LB-FD	Cable type	Connector #1	Connector #2	Cable length
x	X = 4.5*8.1 mm dielectric cable R = 5.0 mm round cable	ST ST = SuperTap SC/APC connector	xx 00 = No connector (pigtail) ST = SuperTap SC/APC connector SA = Standard SC/APC connector	xxxx 50F = 50' (15.2 m) 100F = 100' (30.5 m) 200F = 200' (61.0 m) 300F = 300' (91.4 m) 400F = 400' (121.9 m) 500F = 500' (152.4 m) 600F = 600' (182.9 m) 800F = 800' (243.8 m) 1000F = 1000' (304.8 m)

Example

Part # **LB-FD-X-ST-00-100F**
 4.5*8.1 mm dielectric flat drop cable with SuperTap SC/APC connector on one end, other end unterminated, 100' (30.5 m) length, for use with LB-FST and LB-MST