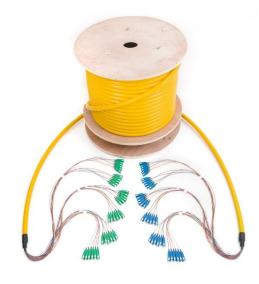


Pre-terminated Multi-Fiber Solution

Light Duty Breakout Assemblies

Optec provides highly flexible customized preterminated fiber trunking solution that suitable for use with different installation environments. These 100% factory-terminated and factory-tested assemblies eliminate field terminations, provides an easily installed, cost effective, and a highly reliable option for all installations.

Our light duty breakout assembly is a space saving interconnect solution for closet areas. It is made of a compact fanout unit with 0.9mm fanout legs to single-fiber connectors on both ends. All assemblies are highly customizable with customer specified length and fiber mode, and available for all connector choices including FC, SC, ST, LC, and E2000.



Features and Benefits

Highly customizable fiber trunking solution Made according to customer specified length & fiber mode, with different connector options

Stringent factory control in processes High durability with superior optical performance

Straight or stagger breakout legs for option Allows nest fit to address into your equipment Superior optical performance

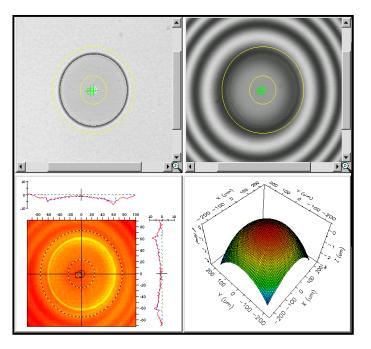
Telcordia compliant for end face geometry ensuring low loss budget

Compact fanout kit with 0.9mm legs to single-fiber connectors

Especially suitable for installation in closet areas

Optical Performance **			
Туре	Singlemode		Multimode
Performance	UPC	APC	PC
Maximum Insertion Loss	≤ 0.3 dB	≤ 0.3 dB	≤ 0.3 dB
Typical Insertion Loss	0.2 dB	0.2 dB	0.2 dB
Return Loss	≥ 55 dB	≥ 65 dB	≥ 25 dB
Operating Temperature	-40°C to 80°C		-40°C to 80°C
Test Wavelength	1310nm		850nm
Geometric performance			
Manufactured to Telcordia standard GR-326-CORE			

** Above performance refers to Optec standard grade performance, flexible specification is available to fit for different installation needs, please contact our professional sales team for details



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Ref. No.: OP-MK-B015-17 Page 1 of 2

Optical Performance



Pre-terminated Multi-Fiber Solution

Light Duty Breakout Assemblies

Ordering Information LB 1 2 6 9 7 **Cable Structure** Fiber Type **Fiber Count** 2 A- & B-End Connector **Polishing Type** 6 SM = OS2 Singlemode A = Minicore Cable 04 = 4-Fiber 1 = PCA = FC B = Distribution Cable M1 = OM1 (62.5/125)08 = 8-Fiber B = SC 2 = UPCM2 = OM2 (50/125) See note (4) 3 = APC 8-degree 12 = 12-Fiber C = ST M3 = OM3 (50/125) 16 = 16-Fiber See notes (2) D = LC M4 = OM4 (50/125) 24 = 24-Fiber E = MUSee notes (3) 36 = 36-Fiber F = E2000 48 = 48-Fiber See notes (1) 64 = 64-Fiber 72 = 72-Fiber 96 = 96-Fiber H4 = 144-Fiber **Unit of Measure Pulling Eye** Jacket Material **Furcation Length on** 9 **Overall Cable Length** 1 = On A-End F = Feet P = Plenum (OFNP) **Both Ends** xxx = 001~999 2 = On B-EndM = Meter R = Riser (OFNR) (please specify) 0300 = 300 mm (standard) 3 = On Both Ends L = Low Smoke Zero 0500 = 500mm 4 = None Halogen (LSZH) xxxx = Customized Length See notes (5) & (6)

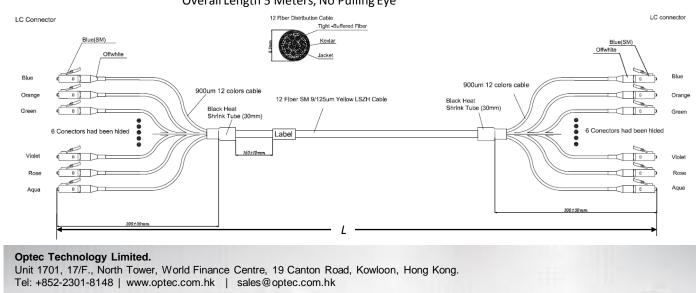
NOTES

- (1) Connectors other than the above are available, please specify and contact our sales team for more details
- (2) We provide APC with cone ferrule 8 degree angled polishing, if stepped ferrule or other angled polishing is needed, please specify and check with our sales team for more details
- (3) Fiber types other than the above are available, include G657A1/2/3, please contact our sales team for more details
- (4) Cable structure other than the above are available, please contact our sales team for more details
- (5) Maximum furcation length on B-end is 1000mm
- (6) Furcation length tolerance: +50/-0 mm

Assembly Structure Illustration

Example:

Ordering code : LB-12-D-D-2-SM-A-L-0300-005-M-4 Item Description: Light Duty Breakout Assembly, 12-Fiber, LC/UPC, Singlemode, Distribution Cable, Low Smoke Zero Halogen (LSZH), Furcation 0.9mm with Length 300mm, Overall Length 5 Meters, No Pulling Eye



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