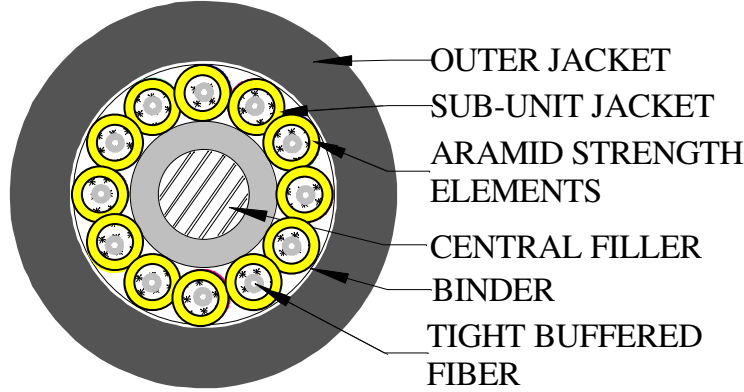


SPECIFICATION

12 OS2 FIBER 2mm LSOH BREAKOUT CABLE

Part Number:
FISB012LB



CONSTRUCTION

FIBER: TYPE: OS2 LOW WATER PEAK SINGLE-MODE

BUFFER: TYPE: TIGHT BUFFER
MATERIAL: LOW SMOKE ZERO HALOGEN
DIAMETER: 900 ± 50 μm

SUB-UNIT ASSEMBLY: THE ABOVE FIBER PULLED IN WITH ARAMID STRENGTH ELEMENTS UNDER A JACKET

SUB-UNIT JACKET: MATERIAL: LOW SMOKE ZERO HALOGEN
NOMINAL DIAMETER: .078" (2.0 mm)
COLORS: YELLOW PRINTED

ASSEMBLY: 12 INDIVIDUALLY COLOR CODED SUB-UNITS CABLED AROUND AN UPJACKETED GRP ROD

BARRIER: OVERALL POLYESTER TAPE, 25% OVERLAP

JACKET: MATERIAL: LOW SMOKE ZERO HALOGEN
NOMINAL WALL: .060" (1.52 mm)
NOMINAL DIAMETER: .514" (13.06 mm)
COLOR: BLACK

LISTING: UL TYPE OFNR - cUL OFN FT4
ABS SHIPBOARD APPROVED

OS2 OPTICAL SPECIFICATIONS

WAVELENGTH	ATTENUATION
nm	dB/km
1310	.50 Max
1383	.50 Max
1550	.50 Max

The above optical specifications meet or exceed the requirements of TIA/EIA-568B, Gigabit Ethernet and ATM applications. Fiber conforms to ITU G.652.d and ITU G.657.A1

MECHANICAL & ENVIRONMENTAL

Crush Resistance:	FOTP-41	220 N/cm
Impact Resistance:	FOTP-25	2000 Impacts w/1.6 N•m
Flexure:	FOTP-104	2000 Cycles min.
Min. Bend Radius long term:	FOTP-33	10x Cable diameter
Min. Bend Radius short term:	FOTP-33	15x Cable diameter
Short Term loading:	FOTP-33	600 lbs (2700N)
Operating Temp.:	FOTP-3	-20°C to +70°C
Storage Temp.:	FOTP-3	-40°C to +80°C

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Rev	Description	Date	Init.
Date: 07/31/15	Page 1 of 1	Part Number:	
Orig: WSJ	Review:	FISB012LB	