

PRODUCT SPECIFICATION BREAKOUT CABLE ASSEMBLY

INTRODUCTION

LUX's high performance Pre-Terminated Breakout Cable offers interconnect and cross-connect over installations in entrance facilities, telecommunications rooms, data centers and at the desk. Patch cords support network applications in main, horizontal and equipment distribution areas with low smoke zero halogen (LSZH)) rated jacket materials.

Pre-terminated fiber optic breakout cables are available in OS1/OS2, OM1, OM2, OM3, OM4 & OM5, fiber types to meet the demands of Gigabit Ethernet, 10 Gigabit Ethernet and high-speed Fiber Channel.



CONSTRUCTION

Fiber count	From 4 core to 48 core	
Cable Jacket ratings:	Low Smoke Zero Halogen (LSZH) per: IEC 60332-1-2, IEC 60332-3-24, IEC 60754-1, IEC 60754-2, IEC 61034-2	
Fiber type	Singlemode: Multimode:	OS1/OS2 9/125µm OM1 62.5/125µm OM2 50/125µm OM3 50/125µm OM4 50/125µm OM5 50/125µm

Connector Type	E2000, FC, LC, SC, ST	
Jacket Color	OS1/OS2: OM1: OM2: OM3: OM4: OM5:	Yellow Orange Orange Aqua Aqua / Violet Lime Green

OPTICAL PROPERTIES

Connector	0.3dB max.
Insertion loss	(OS1/OS2, OM1, OM2, OM3, OM4 & OM5)
Connector return loss	≥26dB min. (OM1 and OM2) ≥30dB min. (OM3, OM4 & OM5) ≥50dB min. (OS1/OS2) ≥60dB min. (OS1/OS2 APC)

PHYSICAL PROPERTIES

Breakout diameter (OD)	2mm Simplex / Duplex 3mm Simplex / Duplex 900 micron
Connector cable retention:	50N @ 0°C 19.4N @ 90°C
Connector durability:	500 cycles
Bend radius, minimum (long term)	2mm: 40mm (Breakouts) 3mm: 60mm (Breakouts)

ENVIRONMENTAL PROPERTIES

Storage and shipment temperature:	- 25°C to 70°C
Operating and	- 20°C to 60°C

REFERENCE STANDARDS

Meets and exceeds ISO/IEC 11801, TIA/EIA-568-D.3,
TIA-604-3 (FOCIS-3), TIA-604-10 (FOCIS-10)

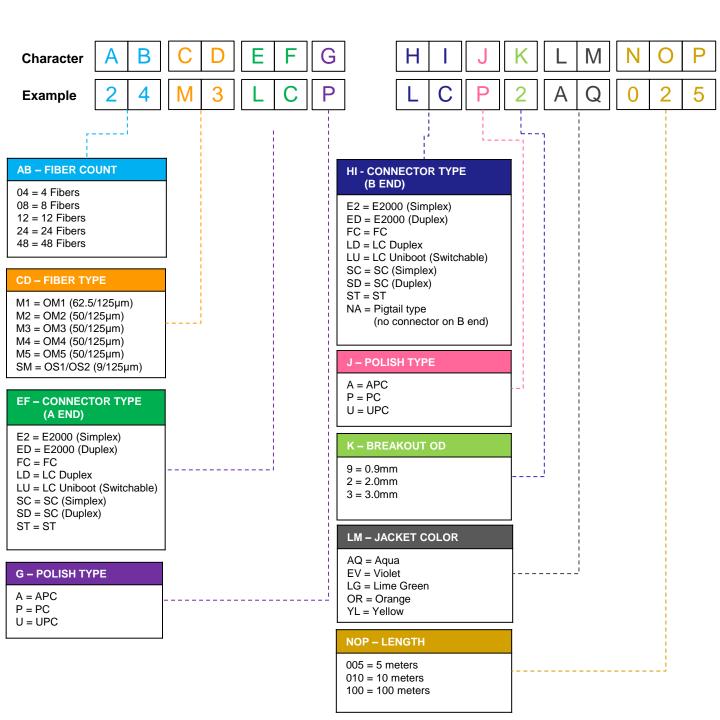
Restriction of Hazardous	All patch cord components
Substances	meet the requirements of
(RoHS) Compliance	Directive 2002/95/EC.

The information and specification in this document are subjected to change without notice



ORDERING PART NUMBER

Example: 24M3LDPLDP2AQ025 = 24 core LC/PC to LC/PC Duplex OM3 Breakout Cable 25 meters Aqua (Breakout OD: 2.0mm)



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