

PRODUCT SPECIFICATION

ARMORED PATCH CORD

INTRODUCTION

LUX's armored patch cord contains a robust stainless-steel tube between fiber and the outer sheath. The stainless-steel tube provides extraordinary protection to the optical fiber inside the cable. This Armored Patch Cord is highly flexible and can be easily installed. The patch cord offers higher stability, durability and longer service life.

The optical performance of the armored patch cord is identical to conventional patch cables as all armored patch cords are factory pre-terminated by orders.



CONSTRUCTION

Fiber count Simplex (1-fiber) & Duplex (2-fibers)

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:	OS1/OS2 9/125µm
Multimode:	OM1 62.5/125µm
	OM2 50/125µm
	OM3 50/125µm
	OM4 50/125µm

Connector Type E2000, FC, LC, SC, ST

Jacket Color

OS1/OS2:	Blue / Yellow
OM1:	Grey
OM2:	Grey
OM3:	Aqua
OM4:	Aqua / Violet
OM5:	Lime Green

**Other color is available subject to MOQ*

OPTICAL PROPERTIES

Connector Insertion loss 0.3dB max. (OS1/OS2, OM1, OM2, OM3 & OM4)

Connector return loss

≥26dB min. (OM1 and OM2)
≥30dB min. (OM3, OM4 and OM5)
≥50dB min. (OS1/OS2)
≥60dB min. (OS1/OS2 APC)

PHYSICAL PROPERTIES

Breakout diameter (OD) 2mm Simplex / Duplex
3mm Simplex / Duplex

Max. Tension: 300N (Long term)
150N (Short term)

Connector durability: 500 cycles

Bend radius, minimum (long term) 2mm: 40mm
3mm: 60mm

ENVIRONMENTAL PROPERTIES

Storage and shipment temperature: - 25°C to 70°C

Operating and Installation temperature: - 20°C to 60°C

REFERENCE STANDARDS

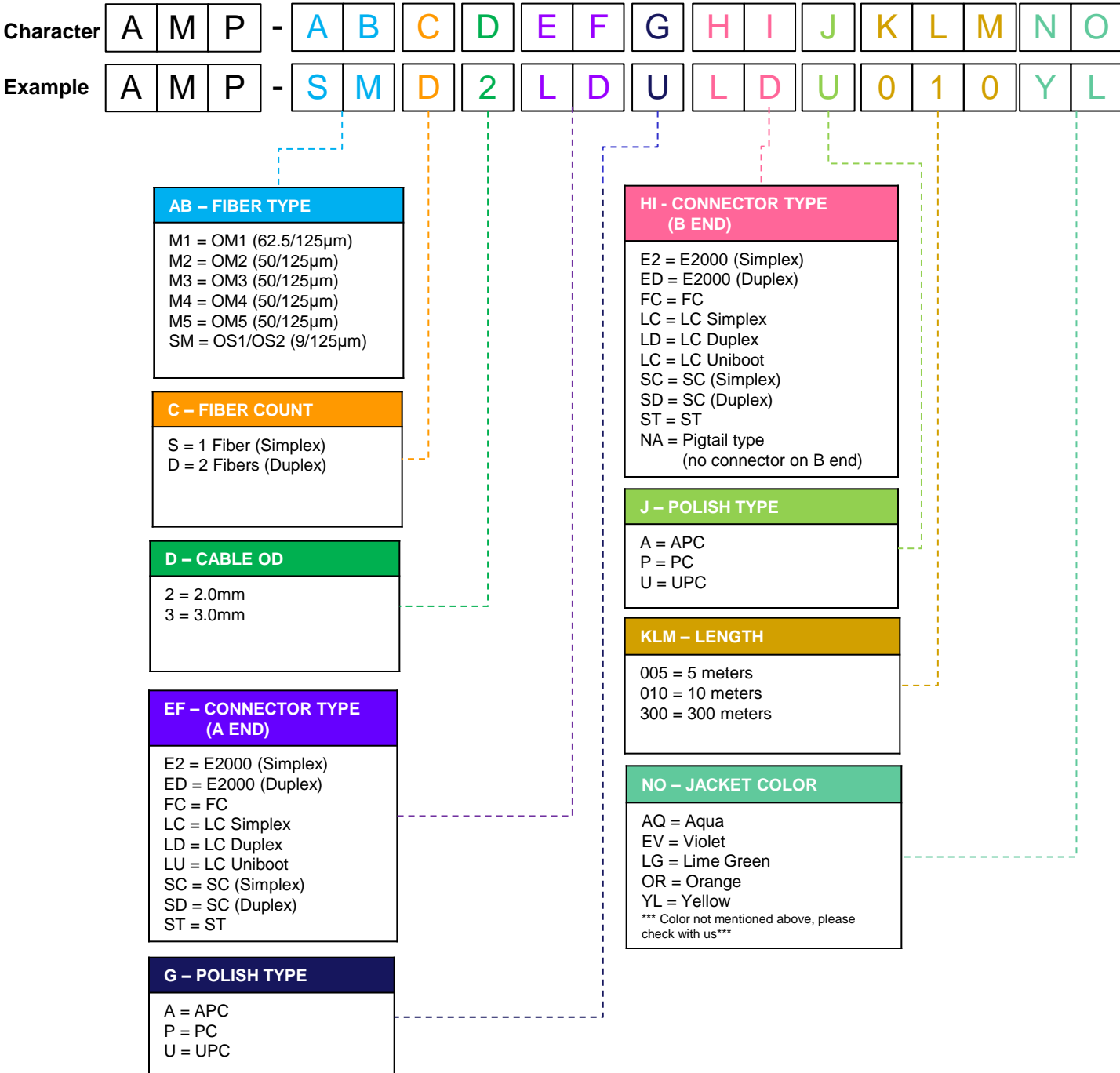
Meets and exceeds ISO/IEC 11801, TIA/EIA-568-D.3, TIA-604-3 (FOCIS-3), TIA-604-10 (FOCIS-10)

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

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

ORDERING PART NUMBER

Example: AMP-SMD2LDULDU010YL = Singlemode Duplex 2mm Armored patch cord, LC Duplex/ UPC to , LC Duplex/ UPC, 10 meters (Yellow)



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