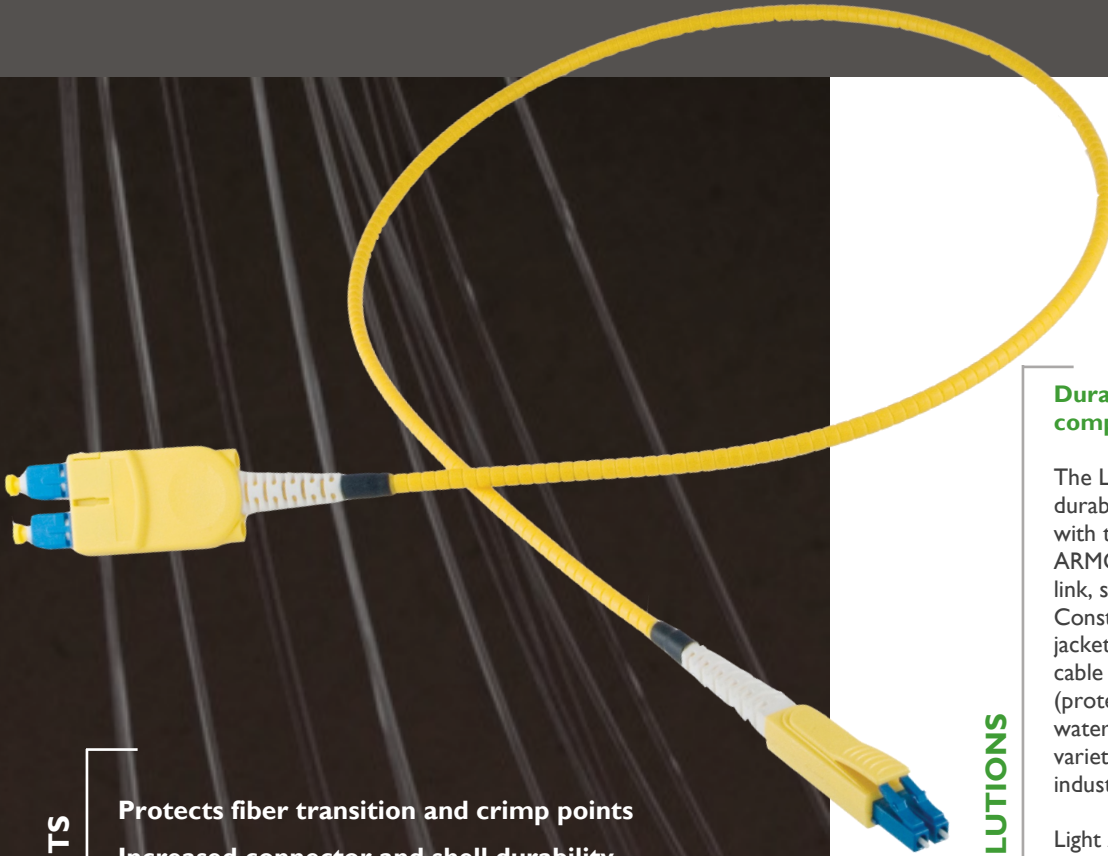


Light ARMOR Armadillo Cables

timbercon



BENEFITS

- Protects fiber transition and crimp points
- Increased connector and shell durability
- Protects minimum bend radius
- Eliminates boot/connector separation
- Application specific solution

APPLICATIONS

- Data communications
- Industrial
- Manufacturing
- Interconnects
- Outside plant

COLORS



Durable, lightweight fiber optic link with complete end-to-end protection

The Light ARMOR Armadillo cable combines the durability of the signature Armadillo connector with the protection and flexibility of Light ARMOR cable for a completely ruggedized optical link, suitable for a myriad of applications. Constructed of protective, light weight plastic jacketing, Timbercon Light ARMOR Armadillo cable assemblies are crush resistant, bend limiting (protecting fiber minimum bend radius), and water resistant, making these cables suitable for a variety of applications from interconnects to industrial and semi-harsh environment conditions.

Light ARMOR Armadillo Cables are available with duplex SC and LC (small form factor) connectors, singlemode or multimode fiber, and various color options.

Product Customization

Timbercon Light ARMOR Armadillo cables can very easily customized to support a wide range of requirements and applications. Some of the most common customizations include: custom shell and/or jacketing color, hybrid cable packaging (Armadillo connector to standard DX connector), and pig-tailing for bulkhead mount or optical device termination.

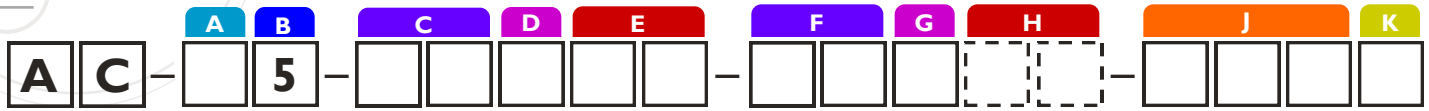
Contact a Timbercon representative to discuss your Light ARMOR Armadillo customization requirement.

PREMIUM SOLUTIONS

FEATURES

- Rugged, protective connector shell
- Full Seam ultrasonic weld
- Bend limiting jacketing
- Integrated strain relief boot
- Customizable

Light ARMOR Armadillo Cables



PART NUMBER GENERATOR

A - Fiber Type

- 4 SM 4um
- 5 MM 50um
- 6 MM 62.5um
- 7 OM3 MM 50um
- 9 SM 9um
- 0 Custom

B - Construction

- 1 DX Riser 3.0
- 2 DX Plenum
- 3 Breakout (RS)
- 4 Breakout (PL)
- 5 Light ARMOR
- 6 DX Stainless 3.0
- 7 Breakout Mil-Tac
- 8 Stainless 5.0
- 9 Custom

C/F - Connector

- 01 BICONIC
- 02 ESCON
- 03 FC
- 04 FC APC (N)
- 06 FDDI
- 07 LC
- 08 LC APC
- 17 MT-RJ Female
- 18 MT-RJ Male
- 19 MU
- 21 SC
- 22 SC APC
- 27 ST
- 30 E2000
- 60 SC Armadillo
- 70 Arma LC
- 72 Arma LC (Short)
- 80 Arma SC

D/G - End Polish

- 1 MM PC
- 3 SM UPC
- 4 SM APC
- 5 Flat
- 9 Custom

E/H - Color Code

- 02 Black
- 03 Blue (SC)
- 04 Green
- 06 Navy (LC)
- 07 Orange
- 08 Red
- 09 Sage (LC)
- 10 Violet
- 11 Yellow
- 15 Aqua

J - Cable Length

Enter unit length in whole numbers. Use block (K) to specify unit of measure.

EXAMPLE:

10 Meter Cable =
(J) 010
(K) M

K - Unit of Measure

- N Inches
- F Feet
- C Centimeters
- M Meters
- K Kilometers

PERFORMANCE

Insertion Loss (Typical)	SM	MM
Armadillo SC	0.15 dB	0.35 dB
Armadillo LC	0.15 dB	0.35 dB
FC, ST, SC, LC, MU	0.15 dB	0.35 dB
MTRJ	0.3 dB	0.3 dB
Back Reflection (Typical)	≤-55 dB	≤-35 dB
Mating Durability (500 Cycles)	<0.2 dB	<0.2 dB
Temperature Range	-40°C to 85°C	-40°C to 85°C

TIP

Search OEM equivalent part numbers online at:
<http://www.timbercon.com/oem-part-numbers>

CONSTRUCTION

	Buffer	Strength Member	Jacket
Light ARMOR 5mm	900um	Kevlar	Polypropylene
Length Tolerance	<1m: +5cm / -0cm 1m - 10m: +10cm / -0cm >10m: +2% / -0%		

ABOUT

Founded in 1997, Timbercon, Inc. is a fiber optic product and solution manufacturing company providing a vast array of connectivity solutions to the data storage, telecommunications, military, industrial, broadcast and networking industries. In addition to standard fiber optic patch cords and attenuated test cables, Timbercon has pioneered proprietary products, many of which are now considered to be an industry benchmark.

