

## Applications

- Equipment Interconnect
- Manufacturing
- Device Pig-Tailing
- Premise Networks
- Data Communications

## Features

- Long thumb release
- Molded A & B channel markers
- Full-seam ultrasonic weld
- Integrated shell and boot design
- Custom designed strain relief boot
- Large inset label pocket
- Custom shell, boot and fiber color options

## Benefits

- Easy cable insertion
- Channel markers will not fade
- Improved shell rigidity
- Longer lifespan
- Minimizes macrobend attenuation
- Application-specific solutions

## Overview

**Choose Armadillo LC cables when you need extra durability for frequent use.**

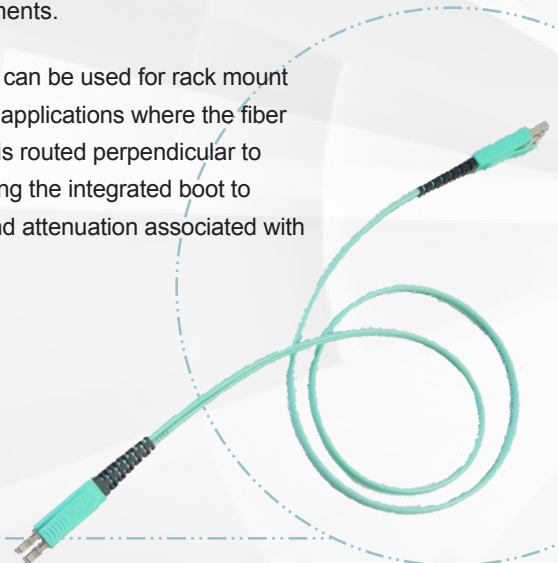
The Armadillo LC cable is ideal for applications requiring performance, durability and longevity. This cable assembly incorporates ergonomic design with increased durability and functionality, resulting in a product designed to handle the rigors of daily use while providing years of quality performance.

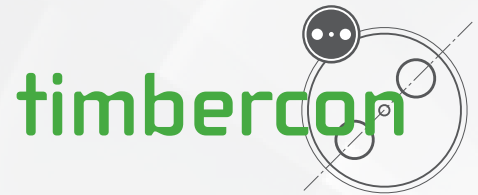
The Armadillo LC cable features a ruggedized connector shell for exposed fiber protection with an integrated strain relief boot for added bend radius protection.

Both the SC and LC styles incorporate rigid connector shells with an integrated strain relief boot. The Armadillo LC cable adds a long molded thumb release with anti-slip grip for easy connector insertion and removal. A large, inset label pocket protects product labels against excessive wear from daily use.

Armadillo products are easily customizable with multiple configurations, colors and attenuation levels. This customization allows you the closest match to your application requirements.

The Armadillo cable can be used for rack mount or enclosed cabinet applications where the fiber portion of the cable is routed perpendicular to the connector, utilizing the integrated boot to minimize macro-bend attenuation associated with fiber bending.





## 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

## Construction

	Buffer	Strength Member	Jacket
3mm Riser	900um	Kevlar	PVC
3mm Plenum	900um	Kevlar	PVDF
Length Tolerance	<1m: +5cm / -0cm 1m - 10m: +10cm / -0cm >10m: +2% / -0%		

## About Timbercon

Timbercon, Inc., founded in 1997, is a fiber optic product and solution manufacturing company providing a variety of connectivity solutions to the defense, aerospace, medical, data storage, telecommunications, industrial, broadcast and networking industries. In addition to standard fiber optic assemblies and attenuated loopbacks, Timbercon has pioneered many proprietary products. Additional company information can be found at [www.timbercon.com](http://www.timbercon.com).

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