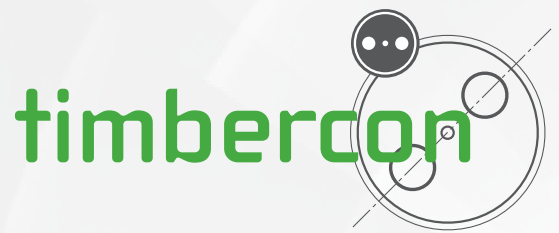


# Light ARMOR Cables



## Applications

- Interconnects
- Industrial
- Semi-Harsh Environment
- Military

## Features

- Bend limiting construction
- Crush resistant
- Water resistant
- Multiple connector options
- Available color coding

## Benefits

- Protects minimum bend radius
- Lightweight - easy to carry
- Increased durability
- Ideal for application specific solutions
- Easy identification

## 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
5mm	900um	Kevlar	Polypropylene
6.35mm	900um	Kevlar	Polypropylene

(Flame retardant jacket types also available)

Length Tolerance	<1m: +5cm / -0cm
	1m - 10m: +10cm / -0cm
	>10m: +2% / -0%

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## Overview

**Durable, protected, lightweight fiber connections for ruggedized applications.**

The Light ARMOR fiber optic cable incorporates the functionality of a standard fiber cable with the durability and longevity of a stainless steel cable, but at a much lighter weight.

Constructed with protective plastic jacketing, Timbercon Light ARMOR cable assemblies are crush resistant, bend limiting (protecting fiber minimum bend radius) and water resistant. These cables are suitable for a myriad of applications from interconnects to industrial and semi-harsh environment conditions.

### Product Customization

Timbercon Light ARMOR cables can be very easily customized to support a wide range of requirements and applications. Some of the most common customizations include hybrid cable packaging and pig-tailing for bulkhead mount or optical device termination.

## 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).

