

Applications

- Data Communications
- Industrial
- Manufacturing
- Interconnects
- Outside Plant

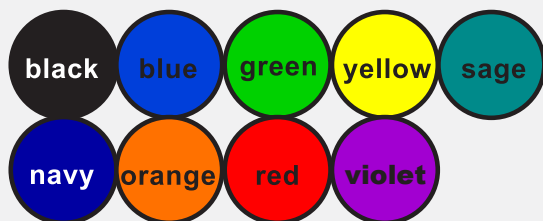
Features

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

Benefits

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

Colors



Overview

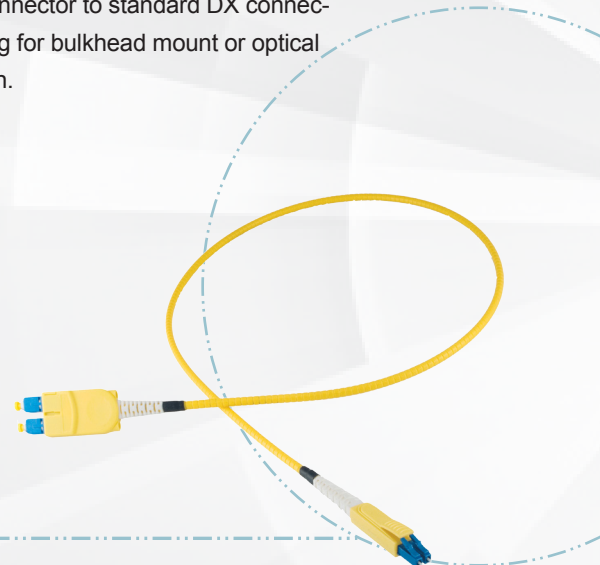
Durable, lightweight fiber optic link with complete end-to-end protection.

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. These cables are suitable for a variety of applications from interconnects to industrial and semi-harsh environment conditions.

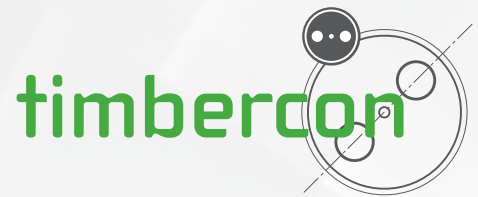
Light ARMOR Armadillo Cables are available with duplex SC and LC (small form factor) connectors, singlemode or multimode fiber and various color options.

Product Customization

Timbercon Light ARMOR Armadillo cables can very easily be 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.



Light ARMOR Armadillo Cables



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
Light ARMOR 5mm	900um	Kevlar	Polypropylene

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.

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