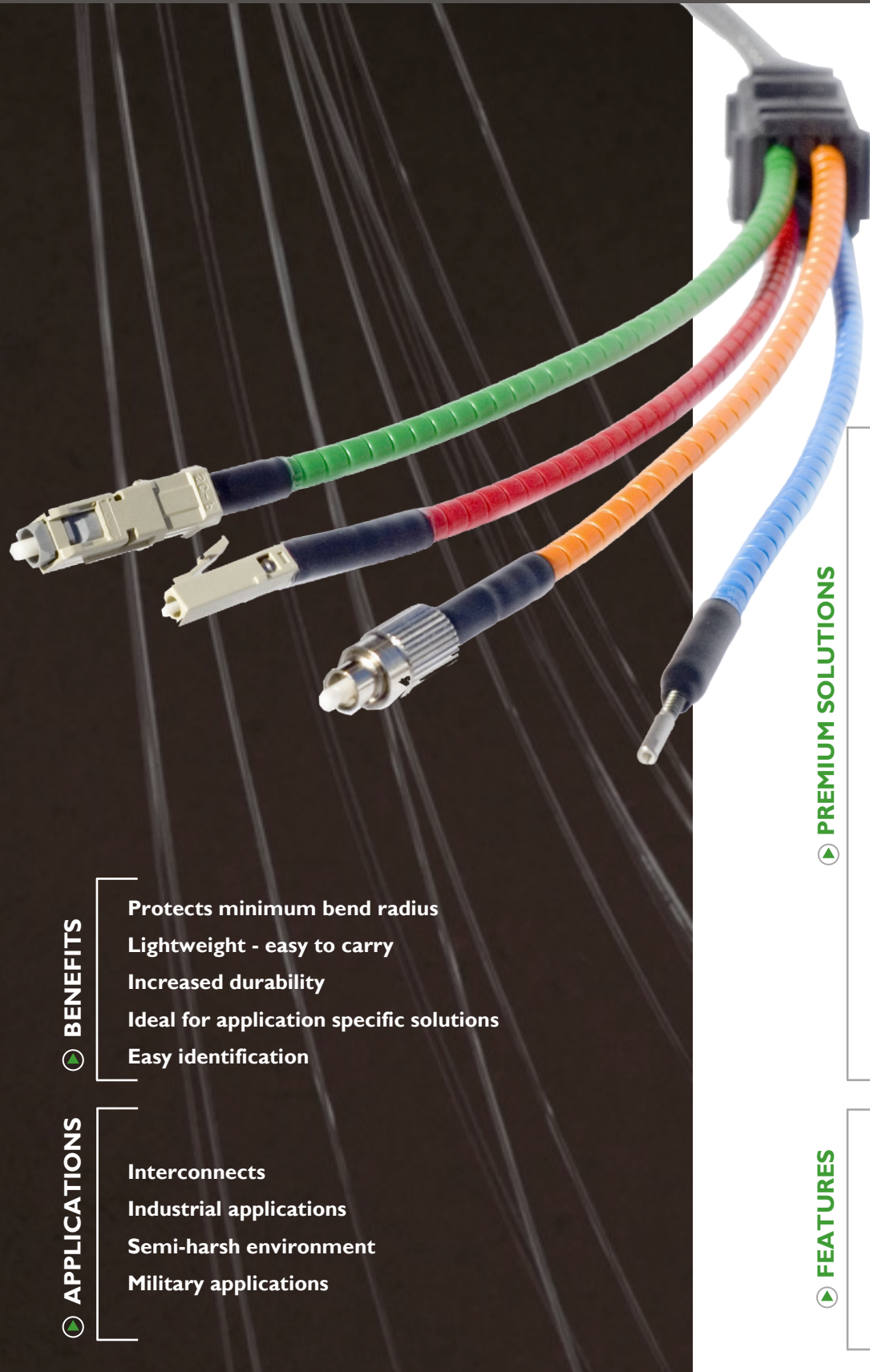


Light ARMOR Cables

timbercon



BENEFITS

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

APPLICATIONS

- Interconnects
- Industrial applications
- Semi-harsh environment
- Military applications

PREMIUM SOLUTIONS

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, making these cables suitable for a myriad of applications from interconnects to industrial and semi-harsh environment conditions.

Product Customization

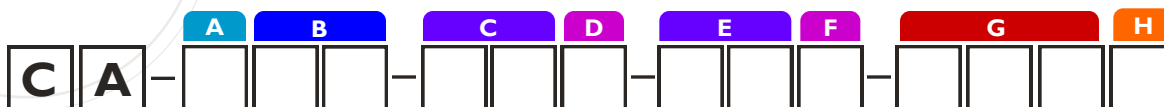
Timbercon Light ARMOR cables can be very easily customized to support a wide range of requirements and applications. Some of the most common customizations include hybrid cable packaging and pig-tailing for bulkhead mount or optical device termination.

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

FEATURES

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

Light ARMOR Cables



A - Fiber Type

- 1 MM 100um
- 2 MM 200um
- 4 SM 4um
- 5 MM 50um
- 6 MM 62.5um
- 7 OM3 MM 50um
- 9 SM 9um
- 0 Custom

B - Construction

- 01 Bare 250um
- 02 900um
- 03 SX Riser 1.6
- 04 SX Riser 2.0
- 05 SX Riser 3.0
- 06 SX Plenum 1.6
- 07 SX Plenum 2.0
- 08 SX Plenum 3.0
- 09 DX Riser 1.6
- 10 DX Riser 2.0
- 11 DX Riser 3.0
- 12 DX Plenum 1.6
- 13 DX Plenum 2.0
- 14 DX Plenum 3.0
- 15 DX Riser DIB
- 16 DX Plenum DIB
- 17 DX Riser BO
- 18 DX Plenum BO
- 30 SX Stainless 3.0
- 32 DX Stainless 3.0
- 50 Lt. ARMOR SX
- 55 Lt. ARMOR DX
- 60 SX Monocoil 3.0
- 70 SX LSZH 3.0
- 71 DX LSZH 3.0
- 72 SX LSZH 2.0
- 73 DX LSZH 2.0
- 99 Custom

C/E - Connector

- 00 No Connector
- 01 BICONIC
- 02 ESCON
- 03 FC
- 04 FC APC N
- 06 FDDI
- 07 LC
- 08 LC APC
- 17 MTRJ (F)
- 18 MTRJ (M)
- 19 MU
- 20 MU APC
- 21 SC
- 22 SC APC
- 25 SMA 905
- 26 SMA 906
- 27 ST
- 30 E2000
- 80 Pin Termini
- 81 Socket Termini
- 99 Custom

D/F - End Polish

- 1 MM PC
- 3 SM UPC
- 4 SM APC
- 5 Flat
- 0 None (Pigtail)

G - Cable Length

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

EXAMPLE:

10 Meter Cable =
(G) 010
(H) M

H - Unit of Measure

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

PART NUMBER GENERATOR

PERFORMANCE

Insertion Loss (Typical)	SM	MM
FC, ST, SC, LC, MU	0.15 dB	0.35 dB
MTRJ	0.30 dB	0.30 dB
Back Reflection (Typical)	≤-55 dB	≤-35 dB
Mating Durability (500 Cycles)	<0.20 dB	<0.20 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%		

TIP

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

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.

