

Armadillo SC Cables

timbercon



BENEFITS

- Increased product lifespan
- Minimizes macro-bend attenuation
- Colors improve routing and component coding and identification
- Improved fiber durability

APPLICATIONS

- Equipment interconnect
- Manufacturing
- Device pig-tailing
- Premise networks
- Data communications

COLORS



Choose Armadillo SC Cables when you need added durability for frequent use

The Armadillo SC Cable from Timbercon, a premium duplex cable assembly, features a ruggedized connector shell for fiber protection with an integrated strain relief boot for added bend radius protection.

PREMIUM SOLUTIONS

The Armadillo SC cable assembly incorporates ergonomic design with increased durability and functionality, resulting in a product that is designed to handle the rigors of daily use while providing years of quality performance.

With its fused top, bottom, and connectors, the Armadillo SC cable assembly provides improved rigidity and longevity, making it a more durable alternative for your patch cord requirements. A large, inset label pocket protects product labels against excessive wear from daily use.

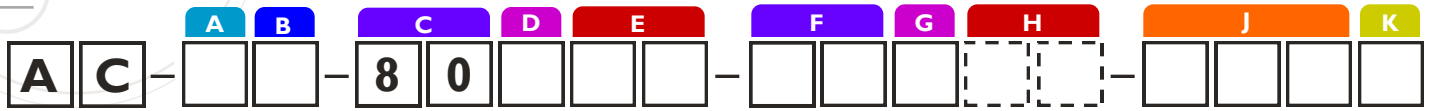
Highly Customizable

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

FEATURES

- Full-seam ultrasonic weld
- Premium quality connector
- Integrated shell and boot design
- Custom designed strain relief boot
- Custom shell, boot, and fiber color options
- 3mm fiber - standard construction

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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

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.

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

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.

