

ARMOURLUX
F BEAM®



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COMMUNICATE PROTECT DELIVER



ArmourLux F BEAM®

The Right Solution

ArmourLux F BEAM® 2/4 Channel Junior HMA Plug to Plug assembly is our premium option for fibre optics in harsh environments. Utilising Expanded Beam technology, the connector is rugged, can be easily cleaned and being hermaphroditic, is simple and easy to connect. F BEAM is a UK designed and manufactured connector which has been developed over the years to deliver class leading optical performance. It is fully interoperable with other HMA Junior products from TE, Stratos and others.

F
B
E
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M



So what's Unique about ArmourLux?

We use a cable based on MIL-C-85045 Military Standard for the ArmourLux series, which is extremely strong, lightweight and rugged. It's ideal for harsh environments, striking a balance between durability and portability. It has a high crush resistance yet remains flexible so its easy to deploy and retrieve. The F BEAM® expanded beam connectors in a 2 or 4 channel fibre are ideal for multimode and singlemode field deployable, harsh environment applications.



Buy with Confidence

All assemblies are made in the UK. We are an ISO9001 accredited company, where Quality and Customer Service are our highest priorities.

We're here to support you - whatever the question about fibre, we will help you!



F BEAM

F BEAM® Expanded Beam Connectors

Offering a 2 or 4 channel junior fibre connector, designed to meet MIL83526/MIL20/MIL21 standard, ideal where connections are being made outdoors in harsh environments.



Hermaphroditic Design



Advanced Alignment Technology



Field Repairable

Capacity per Reel (m)

Fibre Channels		2	4
Cable Dia.		5.4mm	5.8mm
REEL OPTION	GT310	141	123
	GT380	277	241
	HT385	447	390
	HT485	710	618
	SK4812	972	847
	SK4813	1458	1270

Cable Comparison

Number of Fibre Channels		2	4
Cable Dia.		5.4mm	5.8mm
SPECIFICATION	Weight/km	26kg	30kg
	Tensile Load Permanent/Inst	400N	
	Temperature Range	-55°C to +85°C	
	Crush	300N/cm	

Features

- Military grade F BEAM® connector
- Flexible, bend insensitive fibre
- Compact, high capacity reels
- 2 and 4 Channel Junior HMA fibre
- Available in both Multi and Single Mode
- Kevlar for tensile strength
- Manufactured in the UK
- Lightweight and easy to carry
- After care service

To request an ArmourLux sample or for more information call: **01488 685 800** or email: info@armourlux.com



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