

Mobile Fibre Optic System— Optical 2U Flightcase



Bluebell offers a flexible fibre optic transport solution for field operation.

- Compact and lightweight
- Rugged Case
- Versatile Configuration
- Links to any Bluebell Probe or BC100 frame
Can carry any signal formats including
3G-SDI, HD-SDI, SD-SDI, ASI
Composite video
AES, analogue audio
Data, Ethernet
TDM, WDM, CWDM
- Wide range of fibre connectors
- Single folding handle

General

The Bluebell 2U Flightcase is a rugged portable fibre optic system specifically designed for OB, ENG and SNG applications. A standard BC160 frame is fitted to which a range of modular cards are fitted to achieve the signal flow required. A passive BC160P frame can also be added to provide cost effective and compact optical multiplexing.

It has been designed to be used as a “throw-down” box and act as a fibre hub when connected to a truck via a Military Tactical Fibre Optic Cable. Suitable for use in news, sport and concerts in any outside broadcast environment.

The unit can be configured for almost any combination of Video, Audio and Data cards. The top slot is fitted with a vented panel. A BC160P can also be fitted to provide additional optical multiplexing.

The unit can be supplied with any type of fibre optic connector to suit the application including SMPTE 311 Hybrid Cables, Neutrik OpticalCON, Hermaphroditic or standard SC, FC connectors.

Applications have been found with many Outside Broadcast vehicles, special event companies and in pre-fibred venues.



Typical TDM card used in many applications



General specifications

Dimensions	2U high, 300mm deep, excluding end covers
Weight	10 kg approx when fully loaded
Input Voltage	IEC mains 110/240 V depending upon configuration ordered.

Conformance

EMI/RFI	Complies with 89/336/EEC
Electrical	Complies with EN 61000-6-1, EN61000-6-2
Laser Safety	Complies with Class 1 laser product 24 CFR 1040.10 & 1040.11
RoHS	Complies with Directive 2002/95/EC
Warranty	5 years

Ordering Information

Optical 2U Flightcase Ruggedised aluminium flight case which houses a BC160 frame. Any combination of cards, including WDM and CWDM can be fitted to give complete flexibility in the field. Dual mains inputs and a rugged rear panel is fitted with BNC, XLR and optical connectors as necessary.

For a full quote and to discuss the full range of connectors and options please contact the Sales Office with your requirements.