



**Near End**



**Far End**

The **Mini Fibre System** is a very compact fibre system that can transport data to, and pictures back, from a camera or remote equipment. The standard units work up to 10km via a twin single mode fibre. 20km can be specified at extra cost. Each unit is only 120mm long and there are 2 units in each system, a **Near End** and a **Far End**. Manufactured from extruded and machined aluminium they are extremely rugged, designed for broadcast applications. Fibre connections are by standard LC connectors.

3 signals are transported;

HDSDI up to 3G (BNC connector)	– <b>FROM</b> the Far End - on fibre No. 1
RS485 up to 512Kbaud (XLR connector)	- <b>TO</b> the Far End – on fibre No. 2
Genlock (BNC connector)	- <b>TO</b> the Far End – on fibre No. 2

If *only* HDSDI or *only* data is required then only 1 fibre is needed.

At the far end, 12v power (XLR4) is connected to the unit and is passed through to power the remote equipment, thus not needing a 2nd power supply.

The **Mini Fibre System** can be used with any equipment, not just BR Remote equipment, making it a very versatile piece of kit. But if you are using BR Remote equipment the internal electronics can be integrated into our remote heads.

For SMPTE cable connection and remote power look at our **SMPTE Fibre System**.

Dimensions: 120mm x 87mm x 36mm  
Power: 12v @ 100mA, XLR4  
Data: RS422/485 unidirectional up to 250kb/sec.

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