AS3433 - FibTel SM to ROLI

KELTEL communications ltd

High Power Fibre Driver

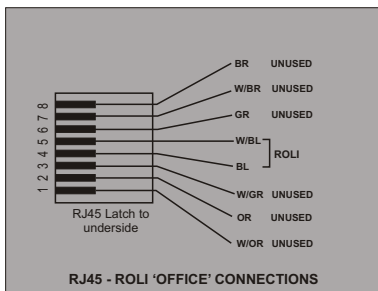**Internal PSU & Battery Backup**
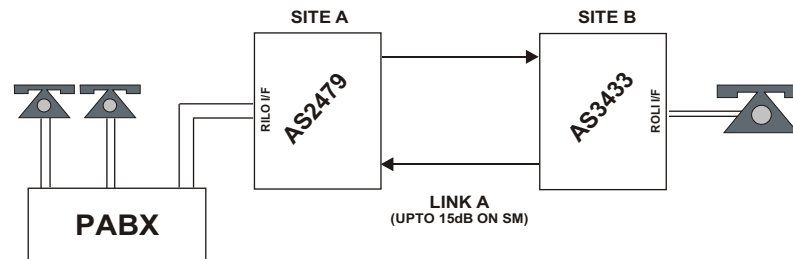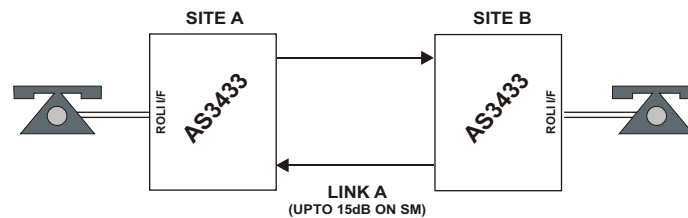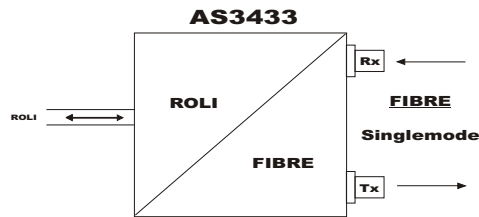
Wall Mount Enclosure

Description
The FibTel Unit provides conversion between Singlemode or Multi-mode to a simple telephone ROLI (FXS). In standard

The units can be connected as shown below to provide a long line extension or hotline facility between two handsets in a lift to ring configuration. Local signal connections are presented on an RJ45 for test purposes and screw terminal for permanent installation. Fibre connection is via ST connectors and patch leads can be provided to SMA, SC or other fibre connection variants.

Power is provided from a standard mains outlet and the unit is equipped with its own internal battery source.

Unit as standard is Single Mode but can be supplied with an optional interface card for Multimode or High Power Single Mode..

AS3433

ROLI

FIBRE
Singlemode

Rx
Tx

SITE A — **SITE B**
ROLI I/F — AS3433 — AS3433 — ROLI I/F
LINK A
(UPTO 15dB ON SM)

SITE A — **SITE B**
RILO I/F — AS2479 — AS3433 — ROLI I/F
PABX
LINK A
(UPTO 15dB ON SM)

RJ45 - ROLI 'OFFICE' CONNECTIONS

RJ45 Latch to underside

Pin	Colour	Function
	BR	UNUSED
	W/BR	UNUSED
	GR	UNUSED
	W/BL	ROLI
	BL	ROLI
	W/GR	UNUSED
	OR	UNUSED
	W/OR	UNUSED

Technical
FIBRE
Singlemode -
- ST connection
- Loss Budget 15dB

ROLI
Battery Feed @ 24V & 55Vrms Ring Voltage

Connection as per RJ45 opposite

Unit Powered by Ext Universal PSU 85V - 264Vac.
Max operating power of 6W.

Unit is equipped with internal battery backup to retain the unit in standby for up to 4hrs.

Weight - 600g (inc PSU)

Size - 245 x 145 x 65 mm

Setup
For links >6dB Loss Budget set link on fibre module from LO to HI.

Lamp operation
Carrier:
Solid GRN - Incomming Carrier detected
Flash RED - No Carrier detected

Tx/Rx:
Flash GRN - Outgoing Call
Flash RED - Incomming Call
Solid GREEN - Call Established

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Alistair Douglas
05/11/15
DATA/DATASHEETS/AS3432-Fibtel SM (HP) to ROLI Data Sheet