AS3431 - FibTel MM to ROLI

KELTEL communications ltd

Bi-Directional Conversion
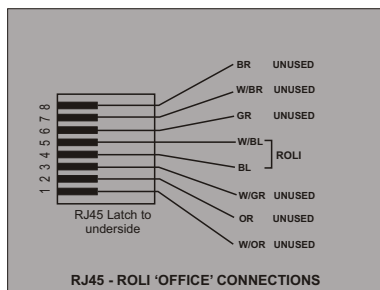
Internal PSU & Battery Backup
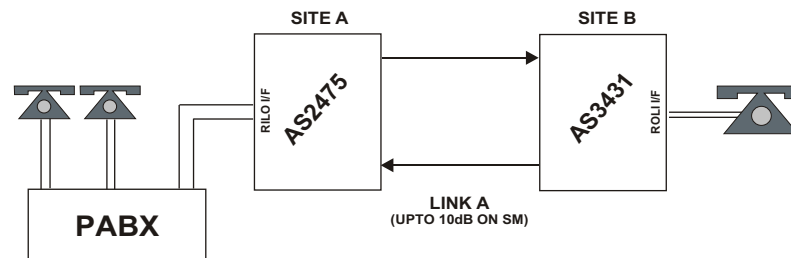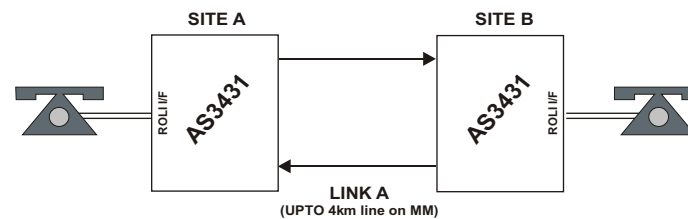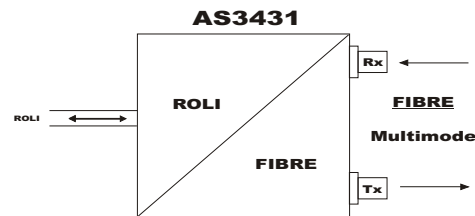
Wall Mount Enclosure

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 Multi Mode but can be supplied with an optional interface card for Singlemode or High Power Single Mode..

AS3431

ROLI — FIBRE Multimode — Rx / Tx

SITE A — ROLI I/F AS3431   **SITE B** — AS3431 ROLI I/F

LINK A
(UPTO 4km line on MM)

RJ45 - ROLI 'OFFICE' CONNECTIONS

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

RJ45 Latch to underside

SITE A — RILO I/F AS2475   **SITE B** — AS3431 ROLI I/F

PABX

LINK A
(UPTO 10dB ON SM)

Technical
FIBRE
Multimode -
- ST connection
- Max Line Length 4km

ROLI
Battery Feed @ 24V & 55Vrms Ring Voltage

Connection as per RJ45 opposite

Unit Powered by Ext Universal PSU 100V - 240Vac

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

Weight - 600g (inc PSU)

Size - 180 x 88 x 40 mm

Setup
For links >1Km 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

Keltel Comms Ltd