

OPERATING MANUAL

RS485 REPEATER

MODEL LD-15UR

Selection Switch	2-Wire or 4-Wire mode select switch on rear panel
Max. Distance	1.2Kms. @ 19,200 bps
Input/Output Cable	Shielded twisted pair cable-90 ohms/km
Transient Protection	2500 V Peak
Front Panel Indications	Tx, Rx, Power,
Power Supply	Mains Input-230V, 50 Hz
Power	Max. 20 VA Built-In Power Supply.
Size	135mm x 145mm x 57mm

LONG DISTANCE CABLE LAYING

Long distance cable between two RS422/RS485 interfaces must be a twisted pair shielded cable. The pair should be used for each signal type + and – signal. This gives high common mode noise rejection. While laying the cable, care should be taken not to lay this cable parallel to power line cables. The cable resistance should not be more than 90 ohms/1000 meters. The cable should run through conduit pipe for physical protection.

