

Model:UT-2212/3212

RS-232 Long Distance Extender(7 bits)

(two sets using together)

Datasheet

1. Overview

UT-2212/3212 series RS-232 long distance extender allows to extend the communication distance between two asynchronous communication RS-232 equipments to 1.2km. The lightning technology fully protect RS-232 equipments from surge interference, this improve the reliability and stability of the communication. It can be used in the field of own line asynchronous RS-232 point to point communication.

2. Major Functions & Features

- Supports RS-232 Long Distance Extender

3. Technical Parameters

- Interface: RS-232C EIA & CCITT V.24 asynchronous protocols
- Connector: DB9 for RS-232 side, RJ45 for communication line
- Transmission mode: asynchronous, full-duplex or half-duplex
- Baud rate: 300-115200bps
- Power: 9-24VDC 1A
- Dimension: 79mm×52mm×21mm
- Operating temperature: -25~70°C, relative humidity 5% to 95%

4. Pin Assignment

UT-2212/3212 RS-232 Female pin assignment

DB9 Female	UT-2212 Local Signal	UT-3212 Local Signal
1	N/C	N/C
2	SOUT (TXD)	SOUT (TXD)
3	SIN (RXD)	SIN (RXD)
4	DSR	N/C
5	GND	GND
6	DTR	N/C
7	CTS	CTS
8	RTS	RTS
9	N/C	N/C

UT-2212/3212 RS-232 Male Assignment

DB9 Male	UT-2212 Remote Signal	UT-3212 Remote Signal
1	N/C	N/C
2	SIN (RXD)	SIN (RXD)
3	SOUT (TXD)	SOUT (TXD)

4	DTR	N/C
5	GND	GND
6	DSR	N/C
7	RTS	RTS
8	CTS	CTS
9	N/C	N/C

UT-2212/3212 RJ-45 Pin Assignment

RJ-45	UT-2212 Signal	UT-3212 Signal
1	Communication 1	VCC
2	Communication 2	GND
3	Communication 3	Communication 1
4	Communication 4	Communication 2
5	Communication 5	Communication 3
6	Communication 6	Communication 4
7	Communication 7	Communication 5
8	Communication 8	Communication 6

5. Product View (Appearance)



6. Structure Dimensions

