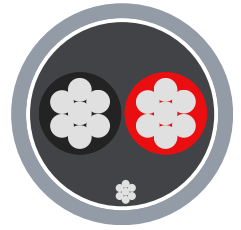




# RS232 PAIRS

Belden Equivalent: 9501 - 9519



## DESCRIPTION

24AWG (7/32) tinned Cu conductors laid up in twisted pair(s), PE insulation, overall aluminium foil screen, 24AWG tinned Cu drain wire, PVC/LSF/LSOH grey sheath, some pair counts available in LSOH violet. Also available in external grade with a black polyethylene (PE) outer sheath.

## APPLICATION

RS232 PAIRS. Equivalent cables to Belden: 9501, 9502, 9503, 9504, 9505, 9506, 9508, 9510, 9515, 9519

## TECHNICAL DATA

|                           |                                           |
|---------------------------|-------------------------------------------|
| <b>Voltage Grade:</b>     | 300V (600V also available)                |
| <b>Temperature Range:</b> | -30°C to +80°C<br>(min. installation 0°C) |

**TDS 1 OF 2**



# RS232 PAIRS

Belden Equivalent: 9501 - 9519

| No. of Pairs | Approx. OD | Weight | Capacitance (pF/m) |       | Cond. DC Res. | Screen DC Res. | Velocity of Propagation |
|--------------|------------|--------|--------------------|-------|---------------|----------------|-------------------------|
|              | mm         | Kg/Km  | C-C                | C-S   | Ω/km          | Ω/km           | %                       |
| 1            | 4.0        | 17.5   | 131.2              | 242.8 | 78.7          | 59.1           | 60                      |
| 2            | 5.6        | 28.0   | 98.4               | 164.1 | 78.7          | 55.8           | 60                      |
| 3            | 5.9        | 38.5   | 98.4               | 164.1 | 78.7          | 55.8           | 60                      |
| 4            | 6.6        | 47.6   | 98.4               | 164.1 | 78.7          | 55.8           | 60                      |
| 5            | 7.3        | 59.5   | 98.4               | 164.1 | 78.7          | 55.8           | 60                      |
| 6            | 7.4        | 65.5   | 98.4               | 164.1 | 78.7          | 55.8           | 60                      |
| 8            | 8.2        | 84.8   | 98.4               | 164.1 | 78.7          | 54.1           | 60                      |
| 10           | 9.3        | 101.0  | 98.4               | 164.1 | 78.7          | 54.1           | 60                      |
| 15           | 10.5       | 126.5  | 98.4               | 164.1 | 78.7          | 54.1           | 60                      |
| 19           | 11.4       | 168.1  | 98.4               | 164.1 | 78.7          | 54.1           | 60                      |

ALL FIGURES QUOTED ARE APPROXIMATE

| Core ID  |           |          |           |          |           |          |           |
|----------|-----------|----------|-----------|----------|-----------|----------|-----------|
| Pair No. | Colours   | Pair No. | Colours   | Pair No. | Colours   | Pair No. | Colours   |
| 1        | Blk & Red | 6        | Blk & Brn | 11       | Red & Yel | 16       | Grn & Yel |
| 2        | Blk & Whi | 7        | Blk & Org | 12       | Red & Brn | 17       | Grn & Brn |
| 3        | Blk & Grn | 8        | Red & Whi | 13       | Red & Org | 18       | Grn & Org |
| 4        | Blk & Blu | 9        | Red & Grn | 14       | Grn & Whi | 19       | Whi & Blu |
| 5        | Blk & Yel | 10       | Red & Blu | 15       | Grn & Blu |          |           |

E&OE. Manufacturers reserve the right to amend the specification without prior notice.

**TDS 2 OF 2**

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