

## 10 Pair Overall Screened Multipair RS232 Cable 24 AWG (Belden 9510 Equiv.)

Part number: 505-022

### Description:

24 AWG stranded (7x32) TC conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain wire (continued), PVC jacket.

### Conductor

Number of pairs	AWG	Stranding	Conductor material
10	24	7x32	TC- Tinned copper

### Insulator

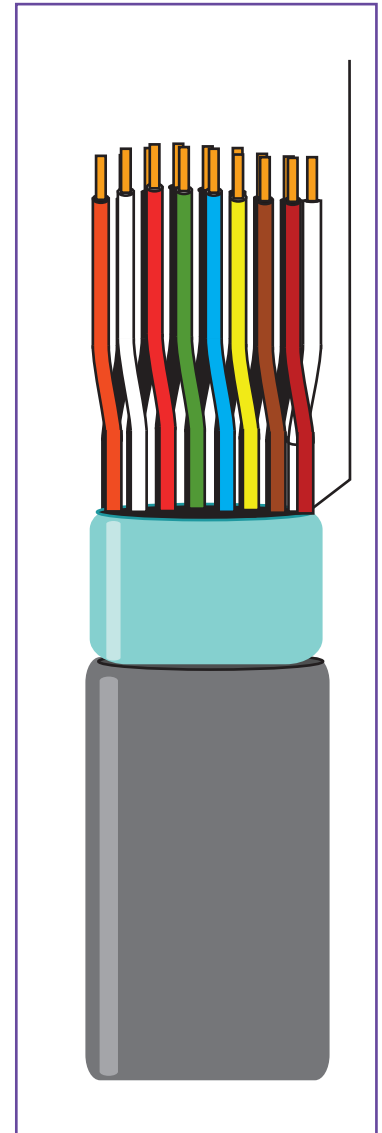
Insulation Material
S-R PVC - Semi-Rigid Polyvinyl Chloride

### Outer Shield

Outer Shield Trade Name	Type	Outer shield material	Coverage (%)
Beldfoil® (Z-Fold®)	Tape	Aluminum foil-polyester tape	100

### Outer Jacket

Outer Jacket Material
PVC - Polyvinyl Chloride



**Wire colours:** Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown, Black & Orange, Red & White, Red & Green, Red & Blue.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C  
 UL Temperature Rating: 80°C (UL AWM Style 2464)  
 Bulk Cable Weight: 102.686 Kg/Km  
 Max. Recommended Pulling Tension: 489.302 N  
 Min. Bend Radius/Minor Axis: 95.250 mm  
**Overall diameter: 9.3mm**

### Electrical Characteristics

**Capacitance (pF/ft):** 98.43  
**Nominal Velocity of Propagation:** 60  
**DCR @ 20°C (Ohm/1000 ft):** 78.744  
**Max. Operating Voltage:** 300 V RMS  
**Max. Recommended Current:** 1.1 Amps per conductor @ 25 °C