

25 Pair Overall Screened Multipair RS232 Cable 24 AWG (Belden 9525 LSHF Equiv.)

Part number: 505-029

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 |
|-----------------|-----|-----------|--------------------|
| 25              | 24  | 7x32      | TC- Tinned copper  |

Insulator

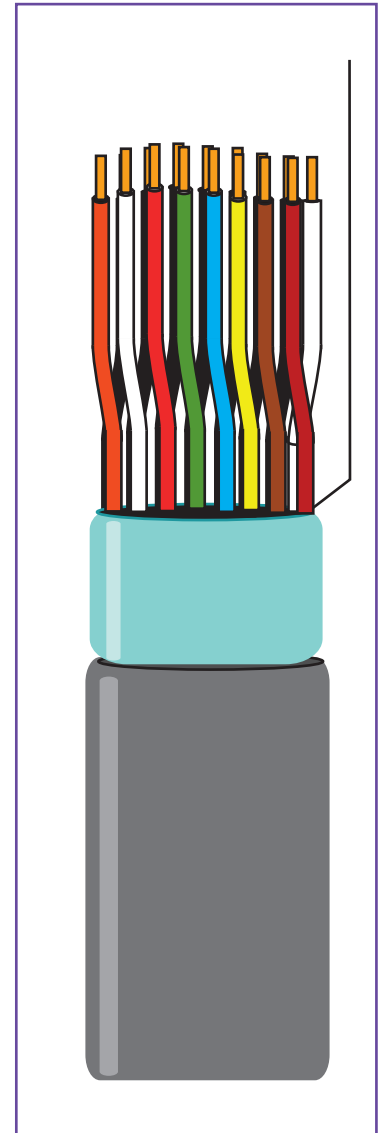
| Insulation Material                     |
|---|
| S-R PVC - Semi-Rigid Polyvinyl Chloride |

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 |
|-----------------------|
| LSHF                  |



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

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C  
 UL Temperature Rating: 80°C (UL AWM Style 2464)  
 Bulk Cable Weight: 221.147 Kg/Km  
 Max. Recommended Pulling Tension: 1223.250 N  
 Min. Bend Radius/Minor Axis: 132.080 mm  
**Overall diameter: 12.8mm**

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**