

25 Core Overall Screened Multicore RS232 Cable 24 AWG (Belden 9543 Equiv.)

Part number: 503-016

Description:

24 AWG stranded (7x32) tinned copper conductors, conductors cabled, semi-rigid PVC insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

Conductor

# of conductors	AWG	Stranding	Conductor material
25	24	7x32	TC- Tinned copper

Insulator

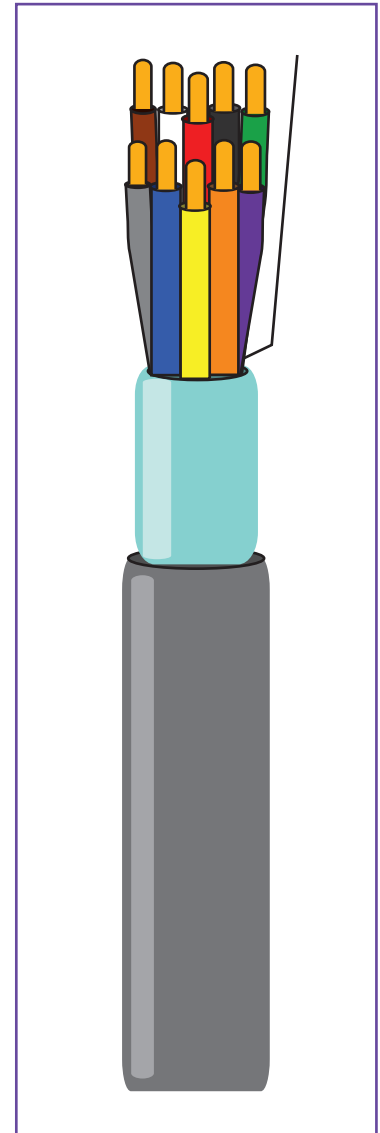
Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl chloride	0.010

Outer Shield

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

Outer Jacket

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.032



Wire colours

Black, White, Red, Green, Orange, Blue, White/Black, Red/Black, Green/Black, Orange/Black, Blue/Black, Black/White, Red/White, Green/White, Blue/White, Black/Red, White/Red, Orange/Red, Blue/Red, Red/Green, Orange/Green, Black/White/Red, White/Black/Red, Red/Black/White, Green/Black/White.

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C
 UL Temperature Rating: 80°C (UL AWM Style 2464)
 Bulk Cable Weight: 116.824 Kg/Km
 Max. Recommended Pulling Tension: 611.627 N
 Min. Bend Radius/Minor Axis: 95.250 mm
 Overall Nominal Diameter: 8.611 mm

Electrical Characteristics

Capacitance (pF/M): 98.43
DCR @ 20°C (Oh/Km): 82.025
Max Operating Voltage: 300V RMS
Max Recommended Current: 1.75Amps per conductor @ 25°C