Multicore Overall Screened Cables-Belden Equivalent 9546

Applications:

These multicore overall screened cables have individually insulated cores laid up in an aluminum/polyester tape with a tinned copper drain wire. These cables are suitable for RS232 applications, used as audio, control and instrumentation cables.



Construction:

Conductor Tinned Copper Wire

Insulation PVC

Overall Screen Aluminum/Polyester tape

Drain Wire Stranded Tinned Copper 7×0.20mm

Sheath PVC(V Type)/LSZH(H type)

Insulation Colour 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, Orange/Black/White, Blue/Black/White, Black/Red/Green, White/Red/Green, Red/Black/Green, Green/Black/Orange, Orange/Black/Green, Blue/White/Orange, Black/White/Orange, White/Red/Orange, Orange/White/Blue, White/Red/Blue, Black/White/Green, White/Black/Green, Red/White/Green, Green/White/Blue, Orange/Red/Green, Blue/Red/Green, Black/White/Blue, Blue/Red/Orange, Red/White/Blue, Green/Orange/Red, Orange/Red/Blue, Blue/Red/Orange,

Black/Orange/Red

Electrical & Mechanical Characteristics:

AWG	24
Conductor Construction	7×0.20mm
UL Style	2464
Maximum Conductor Resistance (ohm/km)	85
Voltage Rating(V)	300
Nominal Capacitance Conductor to Conductor(pF/m)	98
Nominal Capacitance Conductor to Screen(pF/m)	180

Bending Radius 10×Overall Diameter

Operating Temperature($^{\circ}$ C) -30 to 80

Dimensions:

Ordering Code	No of Cores	Insulation Thickiness (mm)	Sheath Thickness (mm)	Overall Diameter (mm)
RS9546V	50	0.25	1.14	12.5
RS9546H	50	0.25	1.14	12.5

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