

Cable Specification

C03-1xxx722x/GY – Multicore Overall Foil Screened Cable
Alternatives to Belden 9534-9543 range of computer cables for RS-232 applications.



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Mechanical Characteristics

Operating Temperature (°C): | -15 to +80

Electrical Characteristics at 20°C

Conductor DC Resistance (Ω/km):	≤92.4
Operating Voltage (V):	300
Capacitance Core to Core (pF/m):	108
Capacitance Core to Screen (pF/m):	164

Compliance

RoHS II Directive (2011/65/EU & 2015/863)
REACH (1907/2006)

Part Options

		<u>Belden</u> <u>Reference</u>
C03-1004722L/GY	4 Core Grey LSF	9534
C03-1006722L/GY	6 Core Grey LSF	9536
C03-1008722L/GY	8 Core Grey LSF	9538
C03-1010722L/GY	10 Core Grey LSF	9540
C03-1015722L/GY	15 Core Grey LSF	9541
C03-1020722P/GY	20 Core Grey PVC	9542
C03-1025722L/GY	25 Core Grey LSF	9543

LSZH, Duct Grade and SWA options available on request. Higher core counts also available.

Construction

Conductor

Material: Tinned Copper
Construction: 7/0.20mm (24 AWG)

Insulation

Material: Polyvinyl Chloride
Diameter: 1.10mm
Colour Code:

4 Core	Black, White, Red, Green
6 Core	Black, White, Red, Green, Brown, Blue
8 Core	Black, White, Red, Green, Brown, Blue, Orange, Yellow
10 Core	Black, White, Red, Green, Brown, Blue, Orange, Yellow, Purple, Grey
15 Core	Black, White, Red, Green, Orange, Blue, White/Black, Red/Black, Green/Black, Orange/Black, Blue/Black, Black/White, Red/White, Green/White, Blue/White
20 Core	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
25 Core	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

Screen

Material: Aluminium Foil Tape + Tinned Copper Drain Wire

Drain Wire
Construction: 7/0.20mm (24 AWG)

Sheath

Material: PVC or Low Smoke and Fume
Diameter:

4 Core	4.70mm
6 Core	5.30mm
8 Core	5.60mm
10 Core	6.20mm
15 Core	6.80mm
20 Core	7.50mm
25 Core	8.20mm

Important:

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