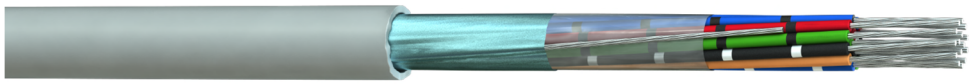
2403COFYL to 2415COFYL
Technical Datasheet

Description: 24AWG Multicore Collectively Screened Data Cable For RS 232. Low Smoke and Fume Throughout.



Construction

Conductor Material	: Tinned Copper, 24(7)awg
Insulation Material	: Low Smoke and Fume (LSF)
Overall Tape	: Polyester
Drain Wire	: Tinned Copper, 24(7)awg
Overall Screen	: Aluminium Foil (100% Coverage)
Outer Sheath Material	: Low Smoke and Fume (LSF)
Outer Sheath Colour	: Grey
Core Identification (Up to 10 core)	: Colour Chart 1
Above 10 core	: Colour Chart 2
Alternative to Belden	: 9533 to 9541

Electrical Characteristics

Nominal Conductor Resistance	: < 86 Ω/km
Insulation Resistance	: > 200MΩ.M
Capacitance Core to Core	: See Table
Core to Screen	: See Table
Voltage Rating	: 450/750V *Applies to CE marked FSC branded stock only*
Test Voltage	: 2.5kV for 5 minutes
Current Carrying Capacity	: 1.75 Amps per conductor @ 25°C

Physical Characteristics

Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: See table

Standards

Flame Retardant	: EN 60332-1-2
RoHS2 Compliant	: Yes
CE Compliant	: LVD (2006/95/EC)

Part No.	Alternative to Belden	No. of Cores	O/D (mm)	Weight (kg/km)	Capacitance (pF/m)	
					C/C	C/S
2403COFYL	9533	3	4.2	26	108	213
2404COFYL	9534	4	4.7	33	108	213
2405COFYL	9535	5	4.8	35	108	213
2406COFYL	9536	6	5.3	42	108	213
2407COFYL	9537	7	5.3	45	108	213
2408COFYL	9538	8	5.7	49	108	213
2410COFYL	9540	10	6.2	61	98	180
2415COFYL	9541	15	7.3	83	98	180

FS Cables Tel: 01727 840 841 sales@fscables.com www.fscables.com

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