

Alternatives to Belden manufacture these data cables are small & flexible with overall foil tape screening for protection against electrical interference. They are designed for general purpose use where balanced lines are not required and for RS232 applications.

Some sizes available in versions including:
 LSZH (low smoke zero halogen) = fire safety
 PE (polyethylene) = duct grade
 SWA (steel wire armour) = direct burial.

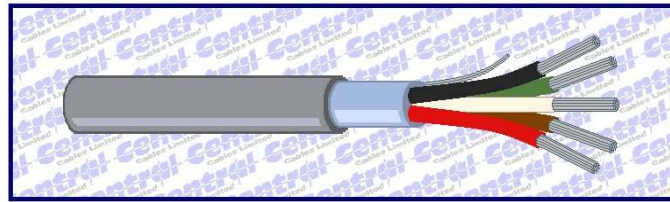
Construction

24AWG stranded tinned copper conductors
 PVC/LSF core insulation, cores twisted together
 overall aluminium/polyester foil tape screen with tinned copper drain wire
 grey polyvinylchloride or low smoke & fume (PVC/LSF) outer sheath

<u>Technical</u>	
conductor stranding:	7x 0.2mm diameter (0.227mm ² area)
voltage rating:	300V operating
capacitance:	3-8 core = 108pF/m core/core, 213pF/m core/shield 9+ cores = 98pF/m core/core, 180pF/m core/shield
temperature range:	usually -20°C to +70°C, please check if critical
UL style:	2464
core identification:	1-10 cores = coloured to American Data Chart 1 15+ cores = coloured to American Data Chart 2

Comparable Belden Reference	Number of Cores	Overall Diameter (mm)	Overall Weight (kg/km)
9533	3	4.2	26
9534	4	4.7	33
9535	5	4.8	35
9536	6	5.3	42
9537	7	5.3	45
9538	8	5.7	49

Belden numbers & UL references are provided for cross reference purposes only, please inform us if you require Belden manufacture or UL approved cables.



Comparable Belden Reference	Number of Cores	Overall Diameter (mm)	Overall Weight (kg/km)
9539	9	6.2	60
9540	10	6.2	61
9541	15	7.3	83
9542	20	8.0	104
9543	25	8.6	139
9544	30	9.7	152
9545	40	10.9	195
9546	50	12.5	238

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PVC/LSF Properties: fairly tough & flexible materials resistant to a wide range of oils and chemicals. LSF (low smoke & fume) offers reduced smoke emission compared with standard PVC (polyvinylchloride), however there is no standard governing the hydrogen chloride (HCL) emissions of LSF so it may still be hazardous if burnt. LSF must not be confused with LSZH (low smoke zero halogen) which guarantees max. 0.5% HCL emissions.

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