

Alternatives to Belden manufacture these data cables are small & flexible with overall foil tape screening for protection against electrical interference. They are designed for point of sale, control systems, computer systems and 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

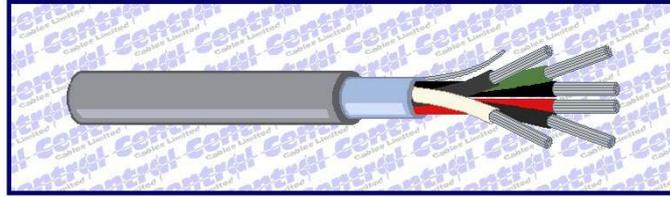
24AWG stranded tinned copper conductors
 PVC/LSF core insulation, cores twisted into pairs
 overall aluminium/polyester foil tape screen with
 tinned copper drain wire
 grey polyvinylchloride or low smoke & fume
 (PVC/LSF) outer sheath

Technical

conductor stranding:	7x 0.2mm diameter (0.227mm ² area)
voltage rating:	300V or 600V operating, please check if critical
capacitance:	9501 = 131pF/m core/core, 243pF/m core/shield all others = 98pF/m core/core, 164pF/m core/shield
temperature range:	usually -20°C to +70°C, please check if critical
UL style:	2464
core identification:	coloured according to American Data Chart 3

Comparable Belden Reference	Number of Pairs	Overall Diameter (mm)	Overall Weight (kg/km)
9501	1	3.6	21
9502	2	5.0	32
9503	3	5.3	49
9504	4	5.8	54
9505	5	6.7	66
9506	6	6.9	72
9507	7	7.1	80
9508	8	7.9	97

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 Pairs	Overall Diameter (mm)	Overall Weight (kg/km)
9509	9	8.3	104
9510	10	9.0	119
9515	15	10.1	160
9519	19	11.0	192
9525	25	12.5	243
9550	50	17.2	460

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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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