

2 Pair Individually Screened Multipair RS232 Cable 22(7) AWG(Belden 8723 SWA Equiv.)

Part Number: 508-001

Description

22 AWG stranded (7x30) TC conductors, polypropylene insulation, cabled in pairs, overall Beldfoil® shield (100%coverage), 24 AWG stranded TC drain wires, PVC jacket.

Physical Characteristics (overall)

# Pairs	AWG	Stranding	Conductor material
2	22	7x30	TC

Ins Material	Wall thickness(in.)	Dia(in.)
Polypropylene	0.01	0.05

Layer#	inner Shield trade name	Type	Innershield material	%coverage
Layer1	Beldfoil®	Tape	Aluminium Foil-polyester tape	100
Layer2		Tape	Polyester tape	100

Outer Shield trade name	Type	Innershield material	%coverage
Beldfoil®	Tape	Aluminium Foil-polyester tape	100

Outer Jacket material	Nom. Wall thickness (in.)
Polyvinylchloride	0.028

Mechanical Characteristics (overall)

Operating Temperature Range	-20oC to +80oC
UL Temperature Range	80oC
Bulk Cable Weight	35.600 lbs/1000ft
Max. Recommended Pulling Tension	36.400 lbs
Min. Bend Radius (Install)/Minor Axis	1.250 In.

Electrical Characteristics (overall)

Impedance (Ohm)	50
Inductance (µH/ft)	0.18
Capacitance Conductor to Conductor Capacitance (pF/ft)	35
Capacitance Conductor to Other Conductor & Shield Capacitance (pF/ft)	62
VP (%)	66
DCR @ 20oC (Ohm/1000 ft)	17
Max. Operating Voltage	300 V RMS
Max. Recommended Current	2.3 Amps per conductor @ 25oC

