Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

1534A Multi-Conductor - IBM RISC System/6000

Obsolete
Call
1-800-BELDEN1

For more Information please call

1-800-Belden1

Description:

24 AWG solid bare copper conductors, patented step polyolefin insulation, three pairs, overall Beldfoil® shield with 24 AWG tinned copper drain wire, 65% tinned copper braid, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
6	3	24	Solid	BC - Bare Copper

Insulation

Insulation Material:

Layer #	Insulation Material
1	Solid PP - Solid Polypropylene
2	FPE - Foam Polyethylene

Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	65

Outer Shield Drain Wire AWG:

AWG	Drain Wire Conductor Material
24	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling

Overall Nominal Diameter:	0.249 in.

Pair

Pair Color Code Chart:

Number	Color
1	White over Blue and Blue over White
2	White over Orange and Orange over White
3	White over Green and Green over White

Mechanical Characteristics (Overall)

Non-UL Temperature Rating:	-30°C To +75°C
Bulk Cable Weight:	26.500 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis:	2.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
Other Specification:	RJ-45 compatible
Customer Part Number Reference Specification:	IBM P/N: N Cable

Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
100

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
15

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
26

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
25

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.5

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/1000 ft.)
1	7.5
4	17
10	26
16	32

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
1.4 Amps per conductor @ 25°C

Electrical Characteristics-Premise (Overall)

Premise

Minimum NEXT:

Freq. (MHz)	NEXT (dB)
1	60
4	50
10	45
16	40

Notes (Overall)

Notes:	Patent # 5, 220, 130. Single conductors are dual insulated. Outer layer of insulation must be stripped off before attaching modular connectors.
Notes (Cont'd.):	Use a stripping tool such as Cooper Tools Xcelite Model 103-S or equivalent with a mechanical stop to avoid nicking the inner insulation.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc

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