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### Description:

24 AWG solid bare copper, seven conductors, patented step polyolefin insulation, overall Beldfoil® shielded and a 65% tinned copper braid, tinned copper drain wire non-plenum, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
7	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 Cabling Color Code Chart:

Number	Color
1	White over Blue
2	White over Orange
3	White over Green
4	White over Brown
5	White over Gray
6	White over Red
7	White over Yellow

Overall Nominal Diameter: 0.244 in.

### Mechanical Characteristics (Overall)

Non-UL Temperature Rating:	-30°C To +75°C
Bulk Cable Weight:	30 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis:	2.200 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

## 1536A Multi-Conductor - IBM RISC System/6000

Customer Part Number Reference Specification: IBM P/N: XX, YY Cable

## Flame Test

UL Flame Test: UL1685 FT4 Loading

CSA Flame Test: FT4

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

12.5

## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/ft)

23

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

25

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.3

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## Max. Recommended Current:

Current

1.4 Amps per conductor @ 25°C

## Notes (Overall)

**Notes:** Patent # 5, 220, 130. Single conductors are dual insulated. The 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 mechanical stop to avoid nicking the inner insulation.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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