



BLACK BOX[®]

NETWORK SERVICES

PLENUM-RATED IBM[®] TYPE 1A CABLE



Key Features

- ▶ **Guaranteed for life.**
- ▶ **Ideal for Token Ring, FDDI over copper, or video.**

For Token Ring, (4 or 16 Mbps), FDDI over copper, or video, you can't beat this cable.

It comes to you from Belden, the most respected name in the cable business. You can always buy Belden cable with confidence.

And when you buy from Black Box, you get more than just the best cable. You get the Black Box Advantage:

- Free technical support whenever you need it—24 hours a day, 7 days a week.
- Quick delivery—the cable is in stock and ready to ship to you.
- Competitive pricing. You get premium service without the premium price.

The special care that goes into this cable is obvious when you look at it. Each of the two pairs is individually Beldfoil[®] shielded, with an overall tinned copper-braid shield. The jacket is black with a nylon ripcord.

Don't forget, this cable is guaranteed for life. You'll never pay to replace it.

Specifications

Standards: IEEE 802.5; EIA/TIA 568-A; IBM[®] Type 1A

Length: 152.4 m (500 ft.)

Wire Type: Solid conductors

Wire Gauge: 22 AWG

Number of Pairs: 2

Max. Operating Voltage: 300 V RMS

Max. Continuous Current Per Conductor: 2.3 A

Nominal Capacitance Between Conductors of Pair @ 1 KHz: 8.5 pF/ft.

Nominal Impedance of Pairs: 150 ohms (3 to 20 MHz)

Nominal Conductor DC Resistance @ 20°C: 17.4 ohms/1000 feet

Velocity of Propagation: 78%

Insulation Resistance @ 20°C: >16,000 megohms/km

Capacitance unbalance @ 1 KHz: <1000 pF/km

Temperature Rating (Electrical and Physical): -20 to +150°C

Insulation Material: Foamed FEP

Jacket Material (Color): Fluorocopolymer (black)

Type Shields and % Coverage: Beldfoil[®]: 100%; T.C. Braid: 65%

Max. Pulling Tension: 37.6 kg (83 lb.)

Nominal Weight/1000 ft: 22.7 kg (50 lb.)

Min. Bending Radius: 10.2 cm (4 inches)

Ordering Information

ITEM	CODE
IBM [®] Type 1A Cable, Plenum-Rated.....	89688