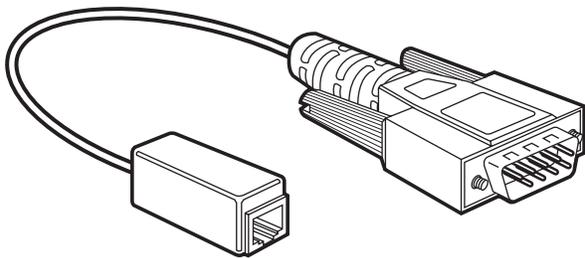


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BLACK BOX®

The World's Source for Cabling and Network ConnectivitySM

MEDIA FILTERS



Convert your DB9 connector to an RJ-45 or RJ-11 at 4 or 16 Mbps.

Key Features

- ▶ **Operates at 4 or 16 Mbps.**
- ▶ **Create custom lengths with detachable cord.**
- ▶ **Fully compatible with all Token Ring devices and IEEE 802.5 standards.**
- ▶ **Compact design.**

With BLACK BOX® Media Filters, you can reduce your cabling costs, improve reliability in mixed cabling environments, and reduce noise across your cable. Each Media Filter matches impedance and converts a DB9 physical interface to the appropriate connector type — RJ-11 or RJ-45.

Our Media Filters operate at 4 or 16 Mbps so you don't have to replace them if you change or update your network speed.

Instead of using expensive Type 3 cable, these Filters operate

with UTP wiring for 16-Mbps Token Ring Networks. You can install these Filters over existing cable.

Connect up to the maximum number of workstations allowed by the standards for the UTP cable in a single Token Ring Network. At 16 Mbps, individual stations may be located up to 300 feet (100 m) on Category 5 cable from the MAU.

Equalization circuitry and proprietary digital pulse transformer give you the highest amount of noise filtering available and reduce the number of network errors.

Each Media Filter works with industry-standard IEEE 802.5 MAUs, end-user workstation adapters, and internetworking devices.

Specifications

Speed — 4 or 16 Mbps

Connectors —

- LT056A: (1) DB9 male, (1) RJ-11-to-RJ-11 cable;
- LT057: (1) DB9 male, (1) RJ-11-to-RJ-45 patch cord;
- LT158A: (1) DB9 male, (1) RJ-45-to-RJ-45;
- LT159A: (1) DB9 male, (1) RJ-45-to-RJ-45 patch cord;

- LT160A: (1) DB9 male, (1) RJ-45 to a keyed, shielded RJ-45 outlet on a patch cord;
- 37000: (1) DB9 male, (1) RJ-11

Power — Nonpowered

Size —

- LT056A, LT057 Plastic Case: 0.9"H x 1.5"W x 0.8"D (2.3 x 3.8 x 2 cm);
- LT158A Single, 37000: 0.5"H x 1.2"W x 2"D (1.3 x 3.2 x 5.1 cm);
- LT159A/LT160A Plastic Case: 1.9"H x 1.5"W x 1"D (4.8 x 3.8 x 2.5 cm)

Weight — 0.3 lb. (0.1 kg)

Ordering Information

ITEM	CODE
Media Filters	
DB9→RJ-11, 8-ft. (2.4-m) Patch Cord.....	LT056A
DB9→RJ-45, 10-ft. (3-m) Patch Cord.....	LT159A
DB9→RJ-45, 8-ft. (2.4-m) Patch Cord	LT057
DB9→RJ-45, Shielded, 10-ft. (3-m) Patch Cord	LT160A
DB9→RJ-45, Single Case, 10-ft. (3-m) Patch Cord	LT158A
DB9→RJ-11 Adapter	37000



Black Box offers the best warranty program in the industry—Fido ProtectionSM. For more information, request **FaxBack 22512**.

