

COMPUTER - IEEE 1394 & LAN CABLES

LAN CABLE ASSEMBLIES for ETHERNET

BNC Connectors each end

Philmore LAN cables are manufactured using fine quality RG58A/U (50ohm) coaxial cable, which employs a stranded center conductor for increased durability. Philmore quality assembly throughout.



- No. 70-5801 - RG58A/U BNC (M)/(M) - 18 inch
- No. 70-5800 - RG58A/U BNC (M)/(M) - 3 ft.
- No. 70-5802 - RG58A/U BNC (M)/(M) - 6 ft.
- No. 70-5803 - RG58A/U BNC (M)/(M) - 12 ft.
- No. 70-5804 - RG58A/U BNC (M)/(M) - 25 ft.
- No. 70-5806 - RG58A/U BNC (M)/(M) - 50 ft.
- No. 70-5808 - RG58A/U BNC (M)/(M) - 100 ft.

LAN CABLE ASSEMBLIES for ARCNET

BNC Connectors each end

This is standard cable used in networks supporting Novell and LANtastic. RG62/U (93 ohm) coaxial cable with BNC connectors each end.



- No. 70-5850 - RG62/U BNC (M)/(M) - 3 ft.
- No. 70-5852 - RG62/U BNC (M)/(M) - 6 ft.
- No. 70-5853 - RG62/U BNC (M)/(M) - 12 ft.
- No. 70-5854 - RG62/U BNC (M)/(M) - 25 ft.
- No. 70-5856 - RG62/U BNC (M)/(M) - 50 ft.
- No. 70-5858 - RG62/U BNC (M)/(M) - 100 ft.

PHILMORE FIREPIPE IEEE 1394 Cables

Cables for very fast IEEE 1394 (Firewire™) standard, used primarily for Video and Graphics. This system is the fastest one at this time. It was designed by Apple Computer and Sony. These cables are made from the highest quality materials and connectors. The six pin and four pin cables comply with the standard for data rated 400 Mbps and above. The maximum length to a single peripheral is suggested to be 15' (4.5 meters) but daisy-chains can be longer as data is buffered and then passed on FIFO (first in-first out).

Features

GOLD Plated Contacts
Cable Size: 24-22, 28-30
6 Pin is for PC Device
4 Pin for Audio/Video Device
Power contacts mate before data
Long Lasting 1500 Duty cycle minimum
Positive Latching
Isochronous Data Transfer
Compressed and Uncompressed Video Support
High Performance Data Transfers 400 Mbps

- No. 70-1303 - 6c (M)/(M) 3' NEW
- No. 70-1306 - 6c (M)/(M) 6'
- No. 70-1310 - 6c (M)/(M) 10' NEW
- No. 70-1315 - 6c (M)/(M) 15'
- No. 70-1403 - 6c (M)/4c(M) 3' NEW
- No. 70-1406 - 6c (M)/ 4c (M) 6'
- No. 70-1410 - 6c (M)/4c(M) 10' NEW
- No. 70-1415 - 6c (M)/ 4c (M) 15'
- No. 70-1503 - 4c (M)/(M) 3' NEW
- No. 70-1506 - 4c (M)/(M) 6'
- No. 70-1510 - 4c (M)/(M) 10' NEW
- No. 70-1515 - 4c (M)/(M) 15'



FIBER OPTICS CABLES

Fiber Optics is the fastest type of data transmission known today. The data travels at the speed of light (186,000 miles per second). Because of this fact the use of this type of cable is very popular. There are two basic types of fiber cable available, Single mode which is 8 microns in size or 1/9 the thickness of a human hair(75 microns) used for long runs up to 9800 Feet, and Multimode (62.5 microns) which is used in most networking applications and permits multiple signals to be transmitted through the same cable.

Fiber jumpers are capable of doing only one function per cable (either transmit or receive) and are therefore constructed in either simplex or duplex. Simplex cables are one function and Duplex cables are usually siamesed together to do both receive and transmit in one cable run.

There are several fiber optics connectors used today "FC", "ST", "SC", and "MT-RJ" to name just a few. The most popular today are "ST" which tools similar to a BNC connector and "SC" which is an all plastic connector rectangular in shape. (See figures below)

Philmore offers the most popular premade fiber optic cable in duplex multimode configuration.



Specifications:
Multimode Fiber 62.5/ 125
Connector w/ Zirconia Ferrules
Strain relief



(2) "SC" Connectors each end



(2) "ST" Connectors each end



(2) "SC" Connectors one end
(2) "ST" Connectors other end

- No. 72-6301 "SC" / "SC" 1M (3.3')
- No. 72-6302 "SC" / "SC" 2M (6.87')
- No. 72-6303 "SC" / "SC" 3M (9.9')
- No. 72-6305 "SC" / "SC" 5M (16.5')

- No. 72-6101 "ST" / "ST" 1M (3.3')
- No. 72-6102 "ST" / "ST" 2M (6.87')
- No. 72-6103 "ST" / "ST" 3M (9.9')
- No. 72-6105 "ST" / "ST" 5M (16.5')

- No. 72-6201 "ST" / "SC" 1M (3.3')
- No. 72-6202 "ST" / "SC" 2M (6.87')
- No. 72-6203 "ST" / "SC" 3M (9.9')
- No. 72-6205 "ST" / "SC" 5M (16.5')