Cmple - Choosing the Right Cable by Joshedavid

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Cat6 cable is ideal for installation of network. Those who buy cat6 cable in bulk can use them for the entire wiring and installation of the whole building or house. Cat6 cables are available in PVC jackets and they will be in two distinctive colors for easy identification. Cat6 cables from reputed manufacturers are NEC compliant and also they meet the specifications of EIA/TIA. The cables are provided with HDPE insulation as well as PVC jacket to ensure durability. Cat6 cables are specially suited for important network installations such as Audio/Video, broadband, Gigabit Ethernet and security functions. ISDN, 100-Base VG, Fast Ethernet, Broadband video, ATM 155Mbps, T1, 1000 Base â€“ T etc are the other applications of cat6 cable. Cat6 cables that are RoHS, CMR and UL compliant and having solid copper conductors are considered as the best quality. The foil screened shielding and separately twisted pairs of cat6 cable prevent network cross talks to a great extent. EMI can neither enter into nor exist because of the foil screening on cat6 cables. Thus electromagnetic interference with neighboring cables is completely avoided.

Hardware shops as well as online outlets of computer hardware usually do not supply uncut cat6 cable. However, those who buy cat6 cable may buy them with additional length in order to make up errors made while cutting the cable and also for taking the cable around corners. Instead of networking, when two computers are to be connected one end of the cable only may be arranged so as to use it for crossing over. After measuring the exact length of cable that will be required, if the cat6 cable is bought with an extra length of 12 â€“ 15inches it may be sufficient for the entire application. Instead of buying ready-made cat6 cable, cable of any length can be cut from an uncut cable and the RJ-45 connectors may be provided.

For proper functioning as well as best performance of TV, home stereo system etc, the set-up should be perfect with best quality cables and other accessories. Apart from the cable, suitable connectors or plugs are to be provided at both the terminals. For the termination of cables such as RG-6, Cat5 etc specific connectors or plugs are required. Since speaker wire will go into five-way binding post, banana plug or spade plug can be used. Wherever the chances of electrical interferences are more, cat6 cables are used for additional protection. The speaker wire used to hook up speakers of Home Theater system must be of best quality.

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Joshedavid - About Author:
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