

Solid vs Stranded Center Conductors



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In network cabling there are two distinct types of cable that are offered. Each type of cable has advantages and disadvantages: **Stranded cable**, used on workstation patch cords, is very flexible and easily bends but has a slightly higher attenuation factor. **Solid cable**, used in horizontal runs, is stiff but offers better transmission performance.

Comparison Between Solid and Stranded Conductor Cable

	Solid Conductor Cable	Stranded Conductor Cable
Advantages	Lowest Cost Best Transmission Performance Terminates to IDC110 Blocks/Jacks	Very Flexible Easy Plug Termination
Disadvantages	Not Flexible Difficult to terminate to plug	Higher Cost Recommended Distance (<10m) Higher Attenuation Cannot connect to IDC 110 blocks

Solid Conductor Cable



Stranded Conductor Cable

