

Understanding cable flammability ratings



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Plenum (CMP) Rated Cable

Complies with NFPA-262 and UL-910. It is the only cable allowed in spaces defined as air plenums such as raised flooring systems and air handling ducts. Plenum cables must self extinguish and not re-ignite.



Low Smoke Zero Halogen (LSZH) Rated Cable

Used in shipboard applications and computer networking rooms where toxic or acidic smoke and fumes can injure people and/or equipment. Examples of Halogens include Fluorine, Chlorine, Bromine and Iodine. These materials when burned produce acidic smoke that can cause harm. These cables will self extinguish.



Riser (CMR) Rated Cable

Complies with UL-1666. Defined for usage in vertical tray applications such as cable runs between floors through cable risers or in elevator shafts. These cables must self extinguish.



General Purpose (CM, CMG, CMx) Cable

Complies with UL-1581 testing. They will burn and partially self extinguish. Not for use between building floors or in air plenum spaces. Often these cables are used for workstation cables and patch cords.