

Title	Network Cabling
Type	Standard
Related Policy	Network Access/Connectivity
Category	Network
Status	Approved
Approved	06/18/2009
Reviewed	
Scope	Applies to procurements of network cabling by the City and/or for use on the City's networks.
Standard	<ul style="list-style-type: none"> • Local Area Network (LAN) copper cabling must comply with ANSI/TIA/EIA-568-B.1 2001 ("T568B") Category 5e or better standards and must provide a 25-year application assurance and extended warranty. • Fiber-optic cabling shall be Optical Cable Corporation manufactured tight buffered fiber, installed by a OCC certified installer, and must provide a minimum 10-year warranty. • All patch panels and wall plates shall utilize 110-block type insulation-displacement connections. • Switch interfaces shall utilize IEC 60603 8P8C ("RJ-45") connections for copper and IEC 61754-20 ("LC") or IEC 61754-4 ("SC") connections for fiber. • All cabling must be installed by a City of Albuquerque-approved network contractor. • ISD Network Group is responsible for the coordination of all network installations in City owned and leased facilities.
Rationale	Ensures compatibility and interoperability with the City of Albuquerque's Network infrastructure.