

COMMUNICATIONS - Division 27

DIVISION 27	SECTION	TITLE	REVISION DATE	REVISION HIGHLIGHTS	PREVIOUS VERSION
	ALL	[All Division 27 Sections]	08.2023	INTRO - added reference to UH System IT Facilities: Baseline Standards THROUGHOUT - updated terminology as follows: MDF/Main Distribution Frame --> CD/Campus Distributor BDF/Building Distribution Frame --> BD/Building Distributor IDF/Intermediate Distribution Frame --> FD/Floor Distributor TMGB/Telecommunications Main Grounding Busbar --> PBB/Primary Busbar TMB/Telecommunications Grounding Busbar --> SBB/Secondary Busbar	Various
	27 0500	Communications General Provisions	07.2025	INTRO - corrected formatting of hidden-text instructions 1.6.C.4 - removed requirement for printed, on-site drawings 3.8.B - removed requirement for printed, on-site drawings and renumbered the rest of the Article	08.2023
			08.2023	3.8.B - added requirement for job site prints	08.2021
			08.2021	1.9.A.2 - minor language clarifications in (installer certifications required)	12.2020
	27 0526	Grounding and Bonding - Communication Systems	07.2025	INTRO - corrected formatting of hidden-text instructions	08.2023
			08.2023	1.2.C - added reference to 28 0526 "Grounding and Bonding for Electronic Safety and Security"	12.2020
	27 0528	Pathways for Communications Systems	07.2025	INTRO - corrected formatting of hidden-text instructions	08.2021
			08.2021	2.2.A, 2.2.B, 2.2.C - updates to Parts and Manufacturers	12.2020
	27 0543	Underground Duct and Raceways	07.2025	INTRO - corrected formatting of hidden-text instructions	08.2021
			08.2021	3.3.O - removed perforation requirement 2.1.C.1.a - added special provision for Non-Metallic Conduit not encased in concrete	12.2020
	27 0553	Identification for Communications Systems	04.2026	3.3 – removed label information content for 3.3.E (Copper Cable: OSP or Feeder), 3.3.F (Copper Cable: Risers), 3.3.G (Copper Termination Panels: Risers), 3.3.L (Network Video Recorders) 3.3 – updated label information content for Wireless Access Points (WAPs) and Associated Jacks 3.4.B – updated Copper Labeling Illustration	07.2025
			07.2025	INTRO - corrected formatting of hidden-text instructions 3.3.A.1.a, 3.3.A.2.a, 3.3.A.3.a, 3.3.B.1.a, 3.3.E.1.a, 3.3.E.2.a, 3.3.E.3.a, 3.3.E.4.a - added room number to required label inscription	08.2021
			08.2021	3.3.K.1.e - corrected label example for cameras	12.2020
	27 1100	Network Facility Fittings	07.2025	INTRO - corrected formatting of hidden-text instructions 2.1.C.2 - updated CommScope parts information 2.1.D - updated Panduit and CommScope parts information 2.2.E - clarified requirements for reserve space in Relay Racks 3.2, 3.3 - merged Construction Progress Document with Close-out Documents and clarified the requirements	08.2023
			08.2023	2.1.B.1.b - removed line (covered in 27 0526) 2.1.C.2 - updated CommScope parts information	08.2021

		2.1.D.2 - updated CommScope parts information		
		2.1.E.2 - updated Uniprise parts information		
		2.1.K - removed rack-mount monitor shelf (no longer used)		
		3.4.A - changed "red line drawings" to job site prints		
08.2021		2.1.K - updated acceptable parts for rack-mount monitor shelf	02.2021	
02.2021		2.1.B. - updated approved part details	12.2020	
27 1300	Communications Backbone Cabling	07.2025	INTRO - corrected formatting of hidden-text instructions THROUGHOUT - made minor changes to make the language clearer, reduce ambiguity, and update nomenclature for Network Facilities	08.2023
			2.1.N.1.b - updated Corning products to include Powered Fiber Cable	
			3.2.C - expanded testing requirements for backbone fiber cable after installation	
			3.5, 3.6 - merged Construction Progress Document with Close-out Documents and clarified the requirements	
08.2023		2.1.L.1.d - updated part number for powered fiber cable, single-mode	08.2021	
		2.1.L.2.d - added powered fiber composite cable part information		
		2.1.N.1 - updated CommScope parts information		
		3.4.A - changed "red line drawings" to job site prints		
08.2021		2.1.F, 2.1.I - corrected part numbers for Angled Patch Panels	02.2021	
		2.1.L, 2.1.M - updated acceptable parts for Outside/Inside Plant Fiber Optic Cable		
		2.1.N - updated acceptable parts for Fiber Termination Hardware		
02.2021		2.1.B. - updated approved part details	12.2020	
27 1500	Communications Horizontal Cabling	04.2026	3.3.H – updated WAP installation	07.2025
		07.2025	INTRO - corrected formatting of hidden-text instructions	08.2023
			2.1.B - updated CommScope and Panduit parts information	
			2.1.L.1 - added two options to the Commscope parts list	
			2.1.L.2 - added and removed various items in the Corning parts list	
			3.1.G.2 - corrected max horizontal distance for UTP cabling	
			3.2.A - added minimum headroom requirement	
			3.3, 3.4 - merged Construction Progress Document with Close-out Documents and clarified the requirements	
08.2023		2.1.A.3 - added requirement for strain-relief bars on patch panels	08.2021	
		2.1.E.2 - updated CommScope parts information		
		2.1.F.2 - updated CommScope parts information		
		2.1.G.2 - updated CommScope parts information		
		2.1.H.2 - updated CommScope parts information		
		2.1.L.2 - adding Corning parts information		
08.2021		2.1.L.1.c, 2.1.L.1.j - clarified acceptable parts for Powered Fiber Cable Systems	12.2020	