

**COMMUNICATIONS - Division 27**

DIVISION 27	SECTION	TITLE	REVISION		PREVIOUS VERSION
			DATE	REVISION HIGHLIGHTS	
	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/Telecommunicatinos 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	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 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
			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 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
		08.2023	2.1.L.1.d - updated part number for powered fiber cable, single-mode 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
		08.2021	2.1.F, 2.1.I - corrected part numbers for Angled Patch Panels 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
		02.2021	2.1.B. - updated approved part details	12.2020
27 1500	Communications Horizontal Cabling	07.2025	INTRO - corrected formatting of hidden-text instructions 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
		08.2023	2.1.A.3 - added requirement for strain-relief bars on patch panels 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
		08.2021	2.1.L.1.c, 2.1.L.1.j - clarified acceptable parts for Powered Fiber Cable Systems	12.2020
27 1619	Patch Cords, Station Cords and Cross-Connect Cables	07.2025	INTRO - corrected formatting of hidden-text instructions 2.1.B.1 - updated part numbers for Panduit products 2.1.B.2 - corrected color information for CommScope part numbers 3.4, 3.5 - merged Construction Progress Document with Close-out Documents and clarified the requirements	08.2023
		08.2023	2.1.B.2 - updated CommScope parts information 3.2.A - expanded and clarified copper patch cable requirements 3.3.A - clarified fiber patch cable requirements 3.4.A - changed "red line drawings" to job site prints	12.2020
27 2000	Data Communications Equipment	07.2025	INTRO - corrected formatting of hidden-text instructions	08.2023
27 3000	Voice Communications Equipment	07.2025	INTRO - corrected formatting of hidden-text instructions	08.2023