

**SCHEDULE B CLASSIFICATION OF HKCA 2XXX SERIES SPECIFICATIONS (UP TO FEBRUARY 2023)**

No.	Title	Classification	Applicable operators	Remarks
HKCA 2001	Compliance Test Specification - Safety And Electrical Protection Requirements For Subscriber Telecommunications Equipment	TS I	fixed services	Specification shall be complied by fixed services operators providing subscriber equipment in customer premises.
HKCA 2005	Network Connection Specification for Connection of 50-Baud or 300-Baud Subscriber Telex Equipment to the Public Telex Network in Hong Kong	TS I	fixed services	Specification shall be complied by fixed services operators providing telex services.
HKCA 2011	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to Direct Exchange Lines (DEL) of the Public Switched Telephone Network (PSTN) in Hong Kong	TS I	fixed services	Specification shall be complied by fixed services operators providing DELs.
HKCA 2012	Network Connection Specification of Calling Number Display Service for Customer Premises Equipment (CPE) to be Connected by Direct Exchange Line (DEL) to the Public Switched Telephone Network (PSTN) in Hong Kong	TS I	fixed services	Specification shall be complied by fixed services operators providing CND service over DELs.
HKCA 2013	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to Direct-Dial-In (DDI) Line of the Public Switched Telephone Network (PSTN) in Hong Kong	TS I	fixed services	Specification shall be complied by fixed services operators providing DDI lines.
HKCA 2014	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong	TS I	fixed services	Specification shall be complied by fixed services operators providing ISDN BRA based on ITU-T Recommendations.

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	using ISDN Basic Rate Access (BRA) based on ITU-T Recommendations			
HKCA 2015	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using ISDN Primary Rate Access (PRA) at 1544 kbit/s based on ITU-T Recommendations	TS I	fixed services	Specification shall be complied by fixed services operators providing ISDN PRA at 1544 kbit/s based on ITU-T Recommendations.
HKCA 2016	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using Asynchronous Transfer Mode (ATM)	TS I	fixed services	Specification shall be complied by fixed services operators providing ATM services.
HKCA 2017	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong over Digital Trunk at 1544 kbits/s using DTMF Signalling	TS I	fixed services	Specification shall be complied by fixed services operators providing Digital Trunk at 1544 kbits/s using DTMF Signalling.
HKCA 2018	Network Connection Specification for connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong over Digital Trunk at 1544 kbits/s using DTMF Signalling with Calling Line Identification (CLI) from the PTN	TS I	fixed services	Specification shall be complied by fixed services operators providing CNL service over Digital Trunk at 1544 kbits/s using DTMF Signalling.
HKCA 2019	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public	TS II	fixed services	Specification shall be complied by fixed services operators providing Analogue Display

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	Telecommunications Network (PTN) in Hong Kong by Direct Exchange Line (DEL) with Data Interface to Support Analogue Display Services (ADS)			Services Interface over DELs.
HKCA 2020	Performance Specification for Private Payphone Equipment (to Comply with Interim Single Payphone Common Access (SPCA) Requirements) using Access Line to be Connected to the Public Fixed Telecommunications Network in Hong Kong	TS I	fixed services	Specification shall be complied by fixed services operators providing Access Line for connection with Private Payphone Equipment.
HKCA 2021	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunication Network (PTN) in Hong Kong by ISDN Basic Rate Access (BRA) Interface using Metallic Loops on the Network Side of the Network Termination (NT) - Layer One Specification	TS I	fixed services	Specification shall be complied by fixed services operators providing ISDN BRA.
HKCA 2022	Network Connection Specification of Calling Name Display (CNAM) Service for Customer Premises Equipment (CPE) to be Connected by Direct Exchange Line (DEL) to the Public Switched Telephone Network (PSTN) in Hong Kong	TS I	fixed services	Specification shall be complied by fixed services operators providing CNAM service over DELs.
HKCA 2023	Network Connection Specification for Connection Of Customer Premises Equipment (CPE) to the Leased Line or Private Circuit provided by the Fixed Telecommunications Network Services (FTN) Operators in Hong Kong for Voiceband Operation	TS I	fixed services	Specification shall be complied by fixed services operators providing Voiceband Private Circuits.

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HKCA 2024	Performance Specification for Private Payphone Equipment (Not Required to Comply with Interim Single Payphone Common Access (SPCA) Requirements) using Access Line to be Connected to the Public Fixed Telecommunications Network in Hong Kong	TS I	fixed services	Specification shall be complied by fixed services operators providing Access Line for connection with Private Payphone Equipment.
HKCA 2026	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using ISDN Basic Rate Access (BRA) based on ANSI Standards	TS I	fixed services	Specification shall be complied by fixed services operators providing ISDN BRA based on ANSI Specifications.
HKCA 2027	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using ISDN Primary Rate Access (PRA) at 1544 kbit/s based on ANSI Standards	TS I	fixed services	Specification shall be complied by fixed services operators providing ISDN PRA at 1544 kbit/s based on ANSI Specifications.
HKCA 2028	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks (PTNs) in Hong Kong Using Digital Leased Circuits at Data Rate of 1544 kbit/s based on ITU-T Recommendation G.703	TS I	fixed services	Specification shall be complied by fixed services operators providing Digital Leased Circuits at 1544 kbit/s.
HKCA 2029	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks (PTNs) in Hong Kong Using Digital Leased Circuits at Data Rate of 2048	TS I	fixed services	Specification shall be complied by fixed services operators providing Digital Leased Circuits at 2048 kbit/s.

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	kbit/s based on ITU-T Recommendation G.703			
HKCA 2030	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks (PTNs) in Hong Kong Using Digital Leased Circuits at Data Rates of 64 kbit/s or above based on ITU-T V-Series Recommendations	TS I	fixed services	Specification shall be complied by fixed services operators providing Digital Leased Circuits at nx64 kbit/s.
HKCA 2031	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks (PTNs) in Hong Kong Using Digital Leased Circuits at Data Rates below 64 kbit/s based on ITU-T V-Series Recommendations	TS I	fixed services	Specification shall be complied by fixed services operators providing Digital Leased Circuits below 64 kbit/s.
HKCA 2032	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks in Hong Kong using Asymmetric Digital Subscriber Lines (ADSL) based on ITU-T Recommendation G.992.1	TS II	fixed services	Specification constitutes one option of implementation which may be complied by fixed services operators providing ADSL services.
HKCA 2033	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to Fixed Telecommunications Networks in Hong Kong using Splitterless Asymmetric Digital Subscriber Lines (ADSL) based on ITU-T Recommendation G.992.2	TS II	fixed services	Specification constitutes one option of implementation which may be complied by fixed services operators providing ADSL services.
HKCA 2034	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public	TS II	fixed services	Specification constitutes one option of implementation which may be complied by

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	Telecommunications Networks in Hong Kong Using Asynchronous Transfer Mode (ATM) with Switched Virtual Connection (SVC)			fixed services operators providing ATM services with SVC.
HKCA 2035	Basic Requirements of Telecommunications Equipment for Connection to In-Building Coaxial Cable Distribution System (IBCCDS)	TS I	fixed services	Specification shall be complied by fixed services operators having telecommunications equipment connected to IBCCDS.
HKCA 2036	Network Connection Specification for Access of Cable Modem based on ITU-T Recommendations or DOCSIS Standards to Public Telecommunications Services via In-Building Coaxial Cable Distribution System (IBCCDS)	TS II	fixed services	Specification constitutes one option of implementation which may be complied by fixed services operators providing cable modem services.
HKCA 2037	Basic Requirements of Broadband Access Equipment for Connection to Local Access Link using Twisted Metallic Pairs	TS I	fixed services	Specification shall be complied by fixed services operators providing local access link using twisted metallic pairs.
HKCA 2038	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks (PTNs) in Hong Kong using Optical Leased Circuits with Synchronous Digital Hierarchy (SDH) Interface	TS II	fixed services	Specification constitutes one option of implementation which may be complied by fixed services operators providing optical leased circuits.
HKCA 2039	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks (PTNs) in Hong Kong using Optical Leased Circuits with Synchronous Optical Network (SONET) Interface	TS II	fixed services	Specification constitutes one option of implementation which may be complied by fixed services operators providing optical leased circuits.

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HKCA 2040	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the X.25 Packet Switched Public Data Network	TS II	fixed services	Specification constitutes one option of implementation which may be complied by fixed services operators providing packet switched public data network.
HKCA 2041	Network Connection Specification for Connection of Fixed Line Short Message Service (FLSMS) Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong Using ETSI ES 201 912	TS II	fixed services	Specification constitutes one option of implementation which may be complied by fixed services operators providing FLSMS over DELs.
HKCA 2102	Procedures for Handling Number Porting by Database Solution	TS I	fixed services	Specification shall be complied by fixed services operators supporting Operator Number Portability.
HKCA 2103	Requirements for Mobile Number Portability by Database Solution	TS I	fixed/mobile services	Specification shall be complied by fixed/mobile services operators supporting Mobile Number Portability.
HKCA 2104	Functional Specification of Administration Database for Mobile Number Portability	TS I	fixed/mobile services	Specification shall be complied by fixed/mobile services operators supporting Mobile Number Portability.
HKCA 2108	Functional Specification For NP Administration Database (Non-CRD Approach)	TS I	fixed services	Specification shall be complied by fixed services operators supporting Operator Number Portability.
HKCA 2201	General Technical Characteristics of Fixed Telecommunications Networks in Hong Kong	TS I	fixed services	Specification shall be complied by fixed services operators in general.
HKCA 2202	Network Connection Specification for Network-to-Network Connection of the Public	TS I	fixed/mobile services	Specification shall be complied by fixed/mobile services operators using C7 for

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	Telecommunications Networks (PTNs) in Hong Kong based on ITU-T Signalling System No. 7			interconnection and by equipment / platforms permitted to interconnect with the PTNs using C7.
HKCA 2203	Network Connection Specification for Network-to-Network Connection of Calling Name Display Service in the Public Telecommunication Network (PTN) in Hong Kong	TS I	fixed/mobile services	Specification shall be complied by fixed/mobile services operators providing CNAM service and using C7 for interconnection.
HKCA 2204	Network Connection Specification for Network-to-Network Connection of Call Forwarding Services in the Public Telecommunications Networks (PTNs) in Hong Kong	TS I	fixed/mobile services	Specification shall be complied by fixed/mobile services operators providing Call Forward Service.
HKCA 2301	Specification for Lawful Interception of Communications for Public Mobile Networks	TS II	mobile services	Specification shall be complied by mobile services operators.

LEGEND

TS I Technical Standard Class I

TS II Technical Standard Class II