SCTE | STANDARDS

Interface Practices Subcommittee

SCTE DOCUMENT

November 26, 2024

Device Type Code Table for SCTE 292
Broadband Component QR Code Technical Requirements

1. Introduction

This document establishes the Device Type Codes for SCTE 292: *Broadband Component QR Code Technical Requirements*. Given the highly dynamic and evolving nature of these codes, the capture, coordination, and maintenance of the codes is governed by the process as outlined in SCTE 292, outside a formal balloting process but within formal SCTE guidelines and oversight.

2. Device Type Codes

Table 1 specifies the Device Type Codes to be used for SCTE 292. Capture, coordination, and maintenance of this table is governed by the process as outlined in SCTE 292 which empowers the SCTE Interface Practices Subcommittee (IPS) Construction and Maintenance working group (WG6) to update and publish (host) this table.

Table 1 - Broadband Network Component Device Type Codes

Device Type	Description / Comments (optional)	Device Type Code
Virtual Hub - housing		VHB
Virtual Hub - EDFA		VHE
Virtual Hub - power pack		VPP
ROLT - housing		OLH
ROLT - combined module (EPON/uplink) - 10g		OLM
ROLT – EPON module - 10g		OLE
ROLT - uplink module - 10g		OLU
ROLT - power module - 10g		OLP
ROLT - surge protection module - 10g		OLS
SFP - tunable DWDM - 10g		ST1
SFP - tunable DWDM - 25g		ST2
R-PHY device module – Full Duplex		RFD
RF amplifier module – Full Duplex		AFD
GAP Node - housing		RNH
GAP Node - remote switch module		RS8
GAP Node - R-PHY device module - 1.8GHz		RP8
GAP Node - RF amplifier module - 1.8GHz		RF8
GAP Node - power module		RR8
GAP Node - optical switch module - 10g		ROS
GAP Node - OLT on a stick - 10g		ROL
GAP Node - adapter plate module - 1.2GHz		RA2
GAP Node - R-PHY device module - 1.2GHz		RP2
GAP Node - RF amplifier module - 1.2GHz		RF2
GAP Node - power hold-up module		RH2

Device Type	Description / Comments (optional)	Device Type Code
Non-GAP Node - housing		NNH
Non-GAP Node - remote switch module		NS8
Non-GAP Node – R-PHY device module - 1.8GHz		NP8
Non-GAP Node - RF amplifier module - 1.8GHz		NF8
Non-GAP Node - power module		NR8
Non-GAP Node - power hold-up module		NH8
Non-GAP Node - optical switch module - 10g		NOS
Non-GAP Node - OLT on a stick - 10g		NOL
Non-GAP Node - adapter plate module - 1.8GHz		NA8
Non-GAP Node – R-PHY device module - 1.2GHz		NP2
Non-GAP Node - adapter plate module - 1.2GHz		NA2
Non-GAP Node - RF amplifier module - 1.2GHz		NM8
Non-GAP Node - analog forward receiver – 5-204MHz		NFR
Non-GAP Node - analog return transmitter - 5-204MHz		NRT
Non-GAP Node - digital return transmitter - 5-204MHz		NPT
Non-GAP Node - analog forward receiver – 5- 42MHz		NF5
Non-GAP Node - analog return transmitter - 5- 42MHz		NF4
Non-GAP Node - digital return transmitter - 5- 42MHz		NF2
Amplifier - housing		AHS
Amplifier - RF amplifier module - 1.8GHz		AM8
Amplifier - power module		AP8
Amplifier - RF amplifier module - 1.2GHz		AM2
Line Extender - housing		LHS
Line Extender - LE module - 1.8GHz		LM8
Line Extender - power module		LP8
Line Extender - LE module - 1.2GHz		LM2
Standby power supply		SPS
2-port x connect		2XC
4-port x connect		4XC
8-port x connect		8XC
12-port x connect		12X
2-port Tap - 1.2GHz		T22
2-port Tap - 1.8GHz		T28
4-port Tap - 1.2GHz		T42
4-port Tap - 1.8GHz		T48

Device Type	Description / Comments (optional)	Device Type Code
8-port Tap - 1.2GHz		T82
8-port Tap - 1.8GHz		T88
Directional Coupler - 1.2GHz		D12
Directional Coupler - 1.8GHz		D18
Splitter - 2-way - 1.2GHz		S22
Splitter - 2-way - 1.8GHz		S28
Splitter - 3-way balanced - 1.2GHz		SB1
Splitter - 3-way unbalanced - 1.2GHz		SU1
Splitter - 3-way balanced - 1.8GHz		SB8
Splitter - 3-way unbalanced - 1.8GHz		SU8
Power Inserter - 1.2 GHz		PI2
Power Inserter - 1.8 GHz		PI8
R-PHY HFC Fiber Node Enclosure	Decommissioned - Legacy R-PHY requirement device code – backward compatible – do not use after July 2024	NODE
Remote Switch Module	Decommissioned - Legacy R-PHY requirement device code – backward compatible – do not use after July 2024	RSW
R-PHY Device Module	Decommissioned - Legacy R-PHY requirement device code – backward compatible – do not use after July 2024	RPD
RF Amplifier Module	Decommissioned - Legacy R-PHY requirement device code – backward compatible – do not use after July 2024	AMP
Power Supply Module	Decommissioned - Legacy R-PHY requirement device code – backward compatible – do not use after July 2024	PSM
Power Holdup Module	Decommissioned - Legacy R-PHY requirement device code – backward compatible – do not use after July 2024	PHM
Adapter Plate Module	Decommissioned - Legacy R-PHY requirement device code – backward compatible – do not use after July 2024	ADP

Device Type	Description / Comments (optional)	Device Type Code
Remote-OLT Module	Decommissioned - Legacy R-PHY requirement device code – backward compatible – do not use after July 2024	OLT
Booster Amplifier - Booster Amplifier Module 1.8 GHz		BM8
Booster Amplifier - Booster Amplifier Housing		BHS
Booster Amplifier - Power Module		BP8
Line Extender Module - Full Duplex		LFD
SOC Module - Full Duplex		FDX
Optical Splitter – Outdoor – 2-way		OS2
Signal Monitoring Unit Module 1.8 GHz		SMU
Standby Power Supply - Inverter Module		INV
Standby Power Supply - Communication Module		CMM
Standby Power Supply - Transformer & Inverter Module		TIM
Transponder Communications Module		XPD
Non-Tagged or Non-BEID Module		ACC

