

ObjectInstance field for Queue (0xDA/0x00-04)

When the `ObjectType` field is equal to 0x00-04 (Queue), the *Object Context* TLV identifies one of the queues available on the ONU. The value carried in the `ObjectInstance` field for an upstream queue (i.e., a queue associated with an LLID) shall be as specified in Table 14-7.

Table 14-7—Structure of the ObjectInstance field for Queue (0xDA/0x00-04) for upstream queues

Size (octets)	Field (name)	Value	Notes
2	PortType	0x00-02	The port type represents an LLID
2	LlidInstance	0x00-00 to 0xFF-FF	Represents the LLID instance with which the given queue is associated (see Table 14-2 for definition)

The value carried in the `ObjectInstance` field for a downstream queue (i.e., a queue associated with a UNI port) shall be as specified in Table 14-8. There may be multiple queues associated with a single UNI port and for each port individual queue instances are numbered sequentially starting from 0x00, with the maximum value equal to $N-1$, where N is the total number of queues associated with the given port.

Table 14-8—Structure of the ObjectInstance field for Queue (0xDA/0x00-04) for downstream queues

Size (octets)	Field (name)	Value	Notes
2	PortType	0x00-03	The port type represents a UNI port
1	UniPortInstance	0x00 to $N-1$	Represents the UNI port instance with which the given queue is associated (see Table 14-2 for definition)
1	QueueInstance	0x00 to $Q-1$	Represents the queue instance number associated with the given object