1.1.1.1.1 Classification fields

The CTE comparison operation elements recognize the fields shown in Table 6-2. Note that field codes listed below represent unique identifiers of various fields accessible to the CTE rules. The field codes are shown in all capital letters as opposed to the field names, which are shown as a mixture of capital and lowercase letters.

Table 6-1—L2 classification fields

FIELD_CODE	Numeric Code	Field size (bits)	Description
DST_ADDR	0x01	48	Outermost MAC Destination Address.
SRC_ADDR	0x02	48	Outermost MAC Source Address.
ETH_TYPE_LEN	0x03	16	Outermost Ethernet Type/Length field, per IEEE Std 802.3, 3.1.1
VLAN0	0x04	32	*Outermost VLAN tag*. This parameter corresponds to the first VLAN tag following the SRC_ADDR field. If no VLAN tags follow the SRC_ADDR field, then the VLAN0 field does not exist.
~~VLAN0_TPID~~	~~0x05~~	~~16~~	~~*Tag Protocol Identifier* of the VLAN0.~~
~~VLAN0_VID~~	~~0x06~~	~~12~~	~~*VLAN Identifier* of the VLAN0.~~
VLAN1	~~0x07~~0x05	32	*Innermost VLAN tag*. This parameter corresponds to the VLAN tag that follows the outermost tag VLAN0. If no VLAN tags follow the VLAN0 field, then the VLAN1 field does not exist.
~~VLAN1_TPID~~	~~0x08~~	~~16~~	~~*Tag Protocol Identifier* of the VLAN1.~~
~~VLAN1_VID~~	~~0x09~~	~~12~~	~~*VLAN Identifier* of the VLAN1.~~
UMT_DST_ADDR	0x11	48	*UMTPDU MAC Destination Address*. In UMTPDUs, this field code is eqivalent to DST_ADDR. In other (non-UMT) PDU types, this field does not exist.
UMT_SRC_ADDR	0x12	48	*UMTPDU MAC Source Address*. In UMTPDUs, this field code is eqivalent to SRC_ADDR. In other (non-UMT) PDU types, this field does not exist.
UMT_ETH_TYPE	0x13	16	*UMT Ethernet Type*. In UMTPDUs, this field code is eqivalent to ETH_TYPE_LENGTH. In other (non-UMT) PDU types, this field does not exist.
UMT_VLAN0	0x14	32	*UMTPDU Outermost VLAN tag*. In UMTPDUs, this field code is eqivalent to VLAN0. In other (non-UMT) PDU types, this field does not exist.
~~UMT_VLAN0_TPID~~	~~0x15~~	~~16~~	~~*Tag Protocol Identifier* of the UMT_VLAN0. In UMTPDUs, this field code is eqivalent to VLAN0_TPID. In other (non-UMT) PDU types, this field does not exist.~~

FIELD_CODE	Numeric Code	Field size (bits)	Description
~~UMT_VLAN0_VID~~	~~0x16~~	~~12~~	~~*VLAN Identifier* of the UMT_VLAN0. In UMTPDUs, this field code is eqivalent to VLAN0_VID. In other (non-UMT) PDU types, this field does not exist.~~
UMT_VLAN1	~~0x17~~0x15	32	*UMTPDU Innermost VLAN tag*. In UMTPDUs, this field code is eqivalent to VLAN1. In other (non-UMT) PDU types, this field does not exist.
~~UMT_VLAN1_TPID~~	~~0x18~~	~~16~~	~~*Tag Protocol Identifier* of the UMT_VLAN1. In UMTPDUs, this field code is eqivalent to VLAN1_TPID. In other (non-UMT) PDU types, this field does not exist.~~
~~UMT_VLAN1_VID~~	~~0x19~~	~~12~~	~~*VLAN Identifier* of the UMT_VLAN1. In UMTPDUs, this field code is eqivalent to VLAN1_VID. In other (non-UMT) PDU types, this field does not exist.~~
UMT_SUBTYPE	~~0x1A~~0x16	8	*UMT Subtype field*. This field exists in UMTPDUs only, where it is located immediately after the *UMT_ETH_TYPE* field.
XPDU_DST_ADDR	0x21	48	*xPDU MAC Destination Address*. In xPDUs (non-UMT types), this field code is eqivalent to DST_ADDR. In UMTPDUs, this field does not exist.
XPDU_SRC_ADDR	0x22	48	*xPDU MAC Source Address*. In xPDUs (non-UMT types), this field code is eqivalent to SRC_ADDR. In UMTPDUs, this field does not exist.
XPDU_ETH_TYPE	0x23	16	*xPDU Ethernet Type*. In xPDUs (non-UMT types), this field code is eqivalent to ETH_TYPE_LENGTH. In UMTPDUs, this field does not exist.
XPDU_VLAN0	0x24	32	*xPDU Outermost VLAN tag*. In xPDUs (non-UMT types), this field code is eqivalent to VLAN0. In UMTPDUs, this field does not exist.
~~XPDU_VLAN0_TPID~~	~~0x25~~	~~16~~	~~*Tag Protocol Identifier* of the XPDU_VLAN0. In xPDUs (non-UMT types), this field code is eqivalent to VLAN0_TPID. In UMTPDUs, this field does not exist.~~
~~XPDU_VLAN0_VID~~	~~0x26~~	~~12~~	~~*VLAN Identifier* of the XPDU_VLAN0. In xPDUs (non-UMT types), this field code is eqivalent to VLAN0_VID. In UMTPDUs, this field does not exist.~~
XPDU_VLAN1	~~0x27~~0x25	32	*xPDU Innermost VLAN tag*. In xPDUs (non-UMT types), this field code is eqivalent to VLAN1. In UMTPDUs, this field does not exist.

FIELD_CODE	Numeric Code	Field size (bits)	Description
~~XPDU_VLAN1_TPID~~	~~0x28~~	~~16~~	~~*Tag Protocol Identifier* of the XPDU_VLAN1. In xPDUs (non-UMT types), this field code is eqivalent to VLAN1_TPID. In UMTPDUs, this field does not exist.~~
~~XPDU_VLAN1_VID~~	~~0x29~~	~~12~~	~~*VLAN Identifier* of the XPDU_VLAN1. In xPDUs (non-UMT types), this field code is eqivalent to VLAN1_VID. In UMTPDUs, this field does not exist.~~
XPDU_SUBTYPE	0x26	8	*XPDU Subtype field*. This field may not exist in all xPDU types. Where it exists, it is located immediately after the *XPDU_ETH_TYPE* field. An example of this field, is the *Subtype* filed in OAMPDU (see IEEE 802.3, 57.4.2).