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| **Constant** | **Description** | **Value** |
| *aBaseSlotDuration* | The number of symbols forming a superframe slot when the superframe order is equal to 0 (see 7.5.1.1). | 60 |
| *aBaseSuperframeDuration* | The number of symbols forming a superframe when the superframe order is equal to 0. | *aBaseSlotDuration \* aNumSuperframeSlots* |
| *aExtendedAddress* | The 64-bit (IEEE) address assigned to the device. | Device specific |
| *aGTSDescPersistenceTime* | The number of superframes in which a GTS descriptor exists in the beacon frame of the PAN coordinator. | 4 |
| *aMaxBeaconOverhead* | The maximum number of octets added by the MAC sublayer to the MAC payload of a beacon frame. | 75 |
| *aMaxBeaconPayloadLength* | The maximum size, in octets, of a beacon payload. | *aMaxPHYPacketSize* – *aMaxBeaconOverhead* |
| *aMaxLostBeacons* | The number of consecutive lost beacons that will cause the MAC sublayer of a receiving device to declare a loss of synchronization. | 4 |
| *aMaxMACSafePayloadSize* | The maximum number of octets that can be transmitted in the MAC Payload field of an unsecured MAC frame that will be guaranteed not to exceed *aMaxPHYPacketSize*. | *aMaxPHYPacketSize* – *aMaxMPDUUnsecure dOverhead* |
| *aMaxMACPayloadSize* | The maximum number of octets that can be transmitted in the MAC Payload field. | *aMaxPHYPacketSize* – *aMinMPDUOverhead* |
| *aMaxMPDUUnsecuredOverhead* | The maximum number of octets added by the MAC sublayer to the PSDU without security. | 25 |
| *aMaxSIFSFrameSize* | The maximum size of an MPDU, in octets, that can be followed by a SIFS period. | 18 |
| *aMinCAPLength* | The minimum number of symbols forming the CAP. This ensures that MAC commands can still be transferred to devices when GTSs are being used. An exception to this minimum shall be allowed for the accommodation of the temporary increase in the beacon frame length needed to perform GTS maintenance (see 7.2.2.1.3). | 440 |
| *aMinMPDUOverhead* | The minimum number of octets added by the MAC sublayer to the PSDU. | 9 |
| *aNumSuperframeSlots* | The number of slots contained in any superframe. | 16 |
| *aUnitBackoffPeriod* | The number of symbols forming the basic time period used by the CSMA-CA algorithm. | 20 |

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| Constant | Description | Value |
| *aSymbolTime* |  | 16 microseconds |
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| Attribute | Identifier | Type | Range | Description | Default |
| macMaxFrameRetries | 0x59 | Integer | 0–7 | The maximum number of retries allowed after a transmission failure. | 3 |
| macMinBE | 0x4f | Integer | 0–macMaxBE | The minimum value of the backoff exponent (BE) in the CSMA-CA algorithm. See 7.5.1.4 for a detailed explanation of the backoff exponent. | 3 |
| macMinLIFSPeriod† |  | Integer | See Table 3 in Clause 6 | The minimum number of symbols forming a LIFS period. | Dependent on currently selected PHY, indicated by phy-Current-Page |
| macMinSIFSPeriod† |  | Integer | See Table 3 in Clause 6 | The minimum number of symbols forming a SIFS period. | Dependent on currently selected PHY, indicated by phy-Current-Page |
| macPANId | 0x50 | Integer | 0x0000–0xffff | The 16-bit identifier of the PAN on which the device is operating. If this value is 0xffff, the device is not associated. | 0xffff |
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| **Attribute** | **Identifier** | **Type** | **Range** | **Description** | **Default** |
| *macBeaconTxTime*† | 0x48 | Integer | 0x000000– 0xffffff | The time that the device transmitted its last beacon frame, in symbol periods. The measurement shall be taken at the same symbol boundary within every transmitted beacon frame, the location of which is implementation specific. This is a 24-bit value, and the precision of this value shall be a minimum of 20 bits, with the lowest four bits being the least significant. | 0x000000 |
| *macBSN* | 0x49 | Integer | 0x00–0xff | The sequence number added to the transmitted beacon frame. | Random value from within the range |
| *macCoordExtended-Address* | 0x4a | IEEE address | An extended 64-bit IEEE address | The 64-bit address of the coordinator through which the device is associated. | — |
| *macCoordShort-Address* | 0x4b | Integer | 0x0000–0xffff | The 16-bit short address assigned to the coordinator through which the device is associated. A value of 0xfffe indicates that the coordinator is only using its 64-bit extended address. A value of 0xffff indicates that this value is unknown. | 0xffff |
| *macDSN* | 0x4c | Integer | 0x00–0xff | The sequence number added to the transmitted data or MAC command frame. | Random value from within the range |
| *macGTSPermit*\* | 0x4d | Boolean | TRUE or FALSE | TRUE if the PAN coordinator is to accept GTS requests. FALSE otherwise. | TRUE |
| *macMaxBE* | 0x57 | Integer | 3–8 | The maximum value of the backoff exponent, BE, in the CSMA-CA algorithm. See 7.5.1.4 for a detailed explanation of the backoff exponent*.* | 5 |
| *macMaxCSMABackoffs* | 0x4e | Integer | 0–5 | The maximum number of backoffs the CSMA-CA algorithm will attempt before declaring a channel access failure. | 4 |