|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Category** | **Name** | **S** | **DC** | **B** | **Self-Synchronization** |
| Unipolar | NRZ |  | Yes | N/2 | NO |
| Polar | 1. NRZ L 2. NRZ I 3. Biphasic | 1. N/2 2. N/2 | 1. Yes 2. Yes 3. No | 1. N/2 2. N/2 3. N | 1. NO 2. NO 3. YES |
| Bipolar | AMI |  | Yes | N/2 | NO |
| Multilevel | 1. 2B1Q 2. 8B6T 3. 4D-PAMS | 1. N/4   2.  3. | 1.  2.NO  3.NO | 1. N/4 2. 3N/4 3. N/8 | 1. NO 2. YES 3. YES |
| Multitransition | MLT-3 |  |  | N/3 | NO |

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