



DIGITAL  
BANGLADESH

Skilled • Equipped • Digital Ready



ICT  
DIVISION

FUTURE IS HERE



মুজিব  
মডেল 100

Unipolar: 0 → zero, 1 → pos

Polan: NRZI → 0 - pos, 1 - neg → pos  
NRZI → 0 - no trans. 1 - trans.

RZ → 0 - neg to zero 1 - pos to zero

biphase: manchester (Dr. Thomas) - 0 - neg to pos  
1 - pos to neg

Block:  
m - 40/50 - n  
div - sub - comb  
scrambling:  
B8ZS  
any 000V00  
V - same  
B - oppo.

manchester (IEEE)

0 - pos to neg  
1 - neg to pos

diff. manchester.

0 - ~~high to low~~ / low to high (trans)  
1 - " " (no trans).

Bipolar: AMI : 0 - zero 1 - alt

pseudoternary : 0 - alt. 1 - zero

Multilevel: 2B1Q  
8B6T

man L / 2<sup>m</sup> / L<sup>n</sup>

weight chk: 0 → nothing  
1st 1 → " do  
2nd + 1 → invert

4D-PAM5 wine - 1  
0 - ~~alt~~ (8B4Q)

Multi transition:

MLT-3:

0 - no trans

1 → opposite to last non-zero  
0 270°  
not 0



mobileSkill



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