

NAME –

UID –

BRANCH – BTECH CSE

SEM – 3RD

SUBJECT – C.N

10 people are sitting in a room. If they want to communicate with each other, what will be the best transmission media to be used and why?

ANS -

10 people are sitting in a room. If they want to communicate with each other, the best transmission media to be used will be Coaxial cables as it supports the multi channel. So, if we need to add more devices then we can extend it.

Also, there are some features of coaxial cable which make it the best multi-channel transmission media:

1. Coaxial cables support high bandwidth.
2. Easy to install coaxial cables.
3. Coaxial cables have better cut-through resistance so they are more reliable and durable.
4. Less affected by noise or cross-talk or electromagnetic inference.