FIBRE BACKBONE CABLING
FOR FUTURE-PROOF BUILDINGS
Fully integrated and automated intelligent buildings are becoming the norm in modern facility design. Today’s buildings require robust cabling infrastructure that will support not only current demands for voice, video and data but the next emergence of data, some yet unknown, to be transmitted in the exploding Internet of Things being connected.

Whether it is a transmission route between the communication rooms throughout high-rise commercial or multiple dwelling unit (MDU) buildings or between houses in a multi residential (MRE) housing estate, fiber optic cabling is the preferred and most effective backbone medium.

JONSA OneSolution’s fibre backbone is a point-to-multipoint connection providing a contiguous path linking the receiving satellite dish, Free to Air digital antenna and associated equipment at the rooftop to the receiving equipment in a communication room at the basement for redistribution to end users. It typically passes from floor to floor through the riser of the building but can also deliver content to another building or multi sites in an estate or campus. JONSA OneSolution is designed to overcome signal degradation and network latency that often occur when using coaxial cable over long distances.

**Key Benefits**

- Future-proof solution
- Low signal degradation over long distances
- Consistent, secure transmission of television signals and data
- Remotely monitored
- Energy efficient
- Cost effective