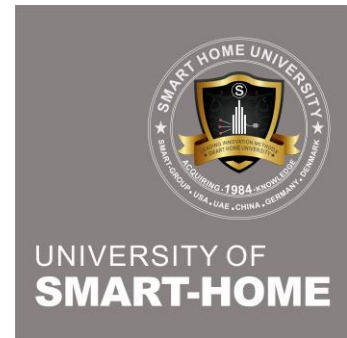




S-BUS CABLE SPECIFICATION





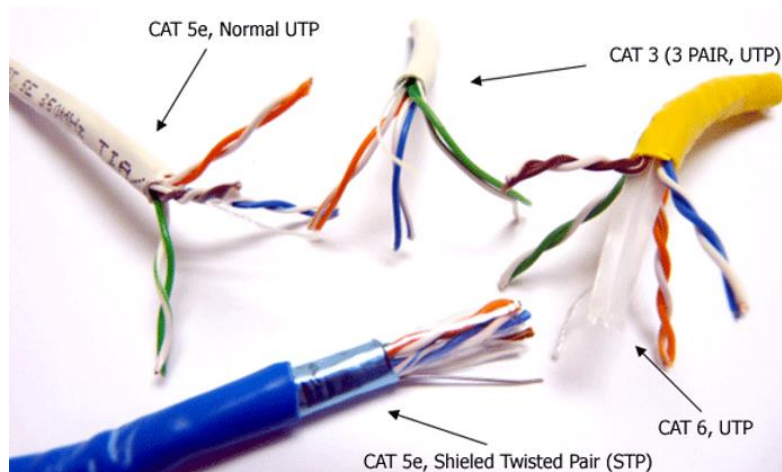
Accurate Cable To Use for Smart-BUS

Which Cable to use?

What Cable Type?

what cable Specification Recommended?

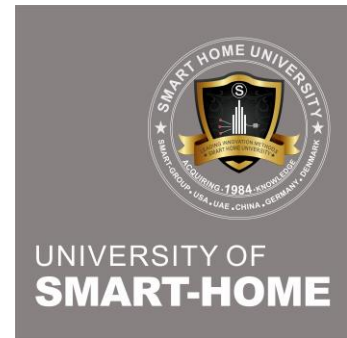
Best is to use Copper Wire at least 98% Oxygen Free Quality with metal Gauge of 0.65 - 0.68



For Indoor Short Distance (like Apartments): you May Use CAT3 Copper Cable

For indoor General Installation: Use UTP Cat5, Cat5e

For indoor Large installation: Use UTP CAT6, Cat6a.



Question: How about wiring in same conduit with electrical wire?

For indoor installation **if to be wired within Power Conduit together with Electrical Cables:** Use Shielded Twist Pair Type Cable, STP Cat5e, or STP Cat6. (**Note:** Must clean Ground the Shield)

Question: How about wiring outdoors?

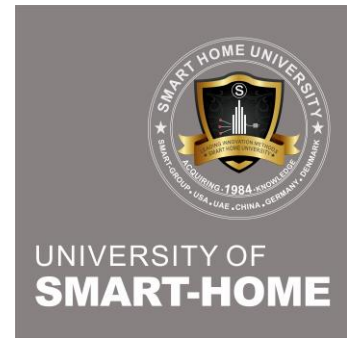
For Outdoor Installation: Use Armoured STP Cat6 and (Make sure to Ground the Shield)

Smart-BUS G4 is designed for workable Distance of 1.5 Kilometers of Cable Length. However it was tested and worked as far as 2.3 Kilometers by Romstal BMS Labs (Romania)

Warnings:

- Never Use CCS (Copper Coated Steel) Cables
- Never Use CCA (Copper Coated Aluminium) Cables

Most of Installer Problems is caused by bad wiring. Either Cable Material and Gauge Quality or connection accuracy (Propper stripping, and Propper Termination)



Warning when using Cable stripper:

Please make sure to calibrate the tool accurately. Do not allow cutting more than cable jacket. Make sure that the cable cores are not touched nor cut / damaged



- Make Sure that your Tools are the Best type to strip the Cable Type without any Damage.
- Make sure that your Cables are of good material and quality as per our specification.

For more information and knowledge, please Refer to Smart G4 Manuals for Installers.... Tools, and Materials