
GLOSSARY OF TECHNICAL TERMS

This glossary contains definitions of certain technical terms used in this prospectus in connection with our business. These terms and their given meanings may not correspond to industry standard definitions or usage of these terms.

“annealing”	a heat treatment process to boost plasticity, eliminate hardness and preserve the optimum electrical characteristics and metallic performance of the copper
“armor”	a layer of galvanized steel wires or tape that is wrapped around a cable to provide a high level of protection against mechanical damage
“cable”	a tube wrapped in insulating material and sheath containing wires that carry electricity and electronic signals
“cabling”	a process whereby several insulated cores or other materials are wrapped together to form a cabled assembly
“CAT 3”	category 3 twisted-pair cables
“CAT 5E”	enhanced category 5 twisted-pair cables
“CAT 6”	category 6 twisted-pair cables
“CAT 7”	category 7 twisted-pair cables
“continuous casting”	an uninterrupted process whereby molten metal is solidified into a “semifinished” billet, bloom, or slab for subsequent rolling
“core”	the portion of an insulated cable lying under the protective covering or coverings
“downward casting”	casting which is directed downwards
“drawing”	a procedure that involves pulling the metal wires through a die or series of dies to reduce the size of the wire diameter
“extruding”	the process of continuously forcing an insulating material and a conductor or core through an extrusion machine or die, thereby applying an insulation to the conductor or core

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“fire resistant”	the ability of cables to continue to function at temperatures of up to 750 degrees Celsius and for a period of up to 90 minutes while under the influence of fire. The fire-resistant cable maintains circuit integrity even when burnt. Cables with enhanced fire-resistant attribute have the ability to continue to function at temperatures of 1,000 degrees Celsius and for a period of up to 180 minutes. Such cables are mainly used in petrochemicals and metallurgy industries, as well as in high-rise buildings
“flame retardant”	the ability of cables to retard or slow the progress of fire and flame along the cable. This is achieved by the use of materials that do not readily burn and tend to self-extinguish. Cables with such an attribute are mainly used in communications, railway, real estate, petrochemicals and metallurgy industries
“GFA”	gross floor area
“induction furnace”	an electrical furnace in which the heat is applied by induction heating of metal
“ISO”	acronym for a series of quality management and quality assurance standards published by the International Organization for Standardization, a non-governmental organization based in Geneva, Switzerland, for assessing the quality systems of business organizations
“ISO 9001”	ISO standards for quality management which are primarily concerned with what an organization does to ensure that its products conform to customer and applicable regulatory requirements and which set out requirements for a product quality management system
“kV”	kilovolt
“kVA”	kilovolt-ampere
“LSZH”	low smoke zero halogen, a description of a cable jacket material that is non-halogenated and flame retardant
“metric ton” or “T”	1,000 kilograms
“Model Urban Mining Center”	Model Urban Mining Center (城市礦產示範基地)
“OEM”	abbreviation of “original equipment manufacturer”, which refers to a manufacturer that supplies a product to its customers, who sell them in their own brands

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“PE”	polyethylene
“PVC”	polyvinyl chloride
“semi-continuous casting”	a process which casting is interrupted to allow the product to be removed from the casting pit
“semis”	semi-products
“shaft furnace”	a furnace of upright form that is charged at the top and tapped at the bottom
“sheath”	a layer of material, usually being plastic or rubber, applied to a cable that protects the insulation from mechanical damage
“sq.m.”	square meter(s)
“stranding”	small wires are twisted together to produce a larger conductor size
“upward casting”	casting which is directed upwards
“USB”	abbreviation of “Universal Serial Bus”, an industry standard that defines the cables, connectors and communications protocols used in a bus for connection, communication and power supply between computers and electronic devices
“UTP”	unshielded twisted pair