

VECTOR COMMUNICATIONS MICRODUCT INSTALLATION

From 2007

Vector Communications is the fibre-optic network division of Vector, one of the largest owners and managers of multi-network infrastructure in New Zealand. Being able to lay fibre with all new power installations gives Vector Communications a major advantage over Fibre only companies.

Vector Communications is an innovative company being one of the first to adopt the now widely accepted microduct technology. As well as laying direct buried microduct cables, they are also utilising empty sub ducts originally installed for single cable hauling. Pulse Networks, through Vectors contract partner NorthPower, have used specialist blowing machinery and techniques to install not one microduct but three, to triple the subduct capacity of the 32mm subducts.

Pulse Networks uses a Plumettaz Superjet blowing machine capable of blowing cables up to 32mm in diameter to install 3x10mm microducts each with the ability to take a 96 fibre mini cable. Microduct kits are available to blow various combinations of microducts up to 10 at a time, and SuperJets can be combined to install different size combinations.

The Superjet is a powerful machine and can blow cables up to 32mm in diameter using a hydraulic chain drive and high pressure after cooled air. Conversion to floating (water) can be done to increase achievable section distances up to 5km.

