



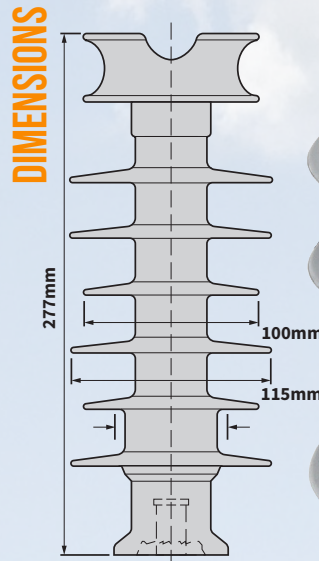
## SILICONE POST INSULATOR - 11KV

The CZ2120 silicone line post insulator has been used extensively throughout NZ with no reported failures. It combines mechanical strength with excellent pollution performance. It consists of protruded fibreglass rods and non-tracking silicone housing directly bonded to metal end fittings. A corrosion-resistant tie top fitting is crimped to the pultruded fibreglass core to allow the transition of mechanical loading to the line and mounting structure. This is the insulator to use when reliability counts.

A patented crimp control technology monitors for damage to the fibreglass rod while achieving maximum mechanical strength. The direct bonding of the polymer housing to the metal end fitting results in an ideal moisture barrier in the sensitive interface area.

### FEATURES

- Composite design
- Lightweight – easy installation
- Builds a huge safety factor into the design of any 11kV system
- Vandal and break resistant
- Impact resistant
- High tracking and erosion resistance
- M20 pin includes double helix spring washer & half nut
- Excellent performance under polluted conditions
- Reduced maintenance costs
- Direct bonding to end fitting offers moisture barrier on fibreglass rod
- Tie top fitting



TECHNICAL SPECIFICATIONS	CZ2120-000
INSULATOR STYLE	TIE TOP
USAGE VOLTAGE (KV)	11
CREEPAGE DISTANCE (MM)	535*
DRY ARC DISTANCE (MM)	223
NO OF SHEDS	6
SCL (KN)	11
WET POWER FREQUENCY WITHSTAND (KV)	38
DRY POWER FREQUENCY WITHSTAND (KV)	60
LIGHTNING IMPULSE WITHSTAND (KV)	105
WEIGHT (KG)	2.02
COLOUR	GREY
END FITTING	GALVANISED CAST STEEL
HOUSING	SILICONE
CORE	FRP
PIN INCLUDED	M20 × 219MM STUD, SPRING WASHER, DOUBLE HELIX SPRING WASHER SQUARE WASHER & NUT
BOX QTY	6 (48 × 6 PER PALLET)

**\*535mm creepage at 11kV = 48.63mm per kV.  
Level 4 or Extra Heavy Duty creepage = 31mm per kV.  
This insulator has massive creepage for NZ conditions!**

