

Voltage Drop Calculation Results

System Configuration

Voltage System:	415V
ADMD Status:	Disabled

Load Details

KVA per House:	8.6 kVA
Number of Houses:	13
Diversity Factor:	1.230
Total Load:	111.9 kVA
Current:	191.5 A

Cable Details

Cable Size:	630 mm ²
Material:	Al
Configuration:	3C+E
Length:	123 m
Installation:	D2 - Underground in conduit
Temperature:	25 °C
Grouping Factor:	1.0

Results

Network Fuse / Rating:	No fuse / 485 A
Voltage Drop:	4.55 V
Drop Percentage:	1.10%

Generated: 2025-03-17 11:06:03