

Voltage Drop Calculation Results

System Configuration

Voltage System:	415V
ADMD Status:	Disabled

Load Details

KVA per House:	8.9 kVA
Number of Houses:	11
Diversity Factor:	1.270
Total Load:	97.8 kVA
Current:	136.0 A

Cable Details

Cable Size:	185 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:	355 A / 392 A
Voltage Drop:	7.24 V
Drop Percentage:	1.75%

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