



Cablemaster Installation Tips

General Considerations

- Cablemaster power unit should be mounted directly above the storage container
- Ensure storage container is large enough to store cable easily (increase height of container rather than diameter for better results)
- Vertical PVC pipe extensions to storage container should be straight (no bends)
- When using PVC pipe, use pipe rollers every 60-90cm to eliminate friction
- Use Glendinning “Angling Assemblies” (not Pipe Elbows) for all complex routings and all applications over 50amps/63amps
- Coil Guides should only be used where using PVC pipe is not practical and they should never be used on the storage container side of power unit
- Storage container top should be 100mm-200mm below “out-limit” switch
NOTE: If CM7 is installed using a 12” mounting bracket (50407), to maintain this gap a 04070 low profile bracket assembly is required)
- Cable “out limit” switch should be centred over container (or at least within ½ overall radius)

Trouble shooting guidelines if the cable is “slipping”

Before removing or adding pulley spacers to increase grip on cable remember:

- Cable should retract and coil into container completely unaided however when being extended it is expected that someone will be required to “take up the slack”
- Slipping is usually due to excess “back pressure” – ensure that the cable can be moved in and out by hand
- The white rollers on the Cablemaster power unit should be able to be turned by hand if this is not possible then the pressure on the cable is too great (relieve pressure and check for back pressure issues)

Commissioning Check

- Check average current loads are within guidelines during operation (cycle 3 times)

	12 V	24 V
CM-4	4-6 amp	3-4 amp
CM-7	7-9 amp	5-6 amp
CM-8	--	5-7 amp
CM-9	--	5-7 amp