General Specifications

GPS Receiver and Antenna for LED Clocks

For use with option # 725GPS

SPECIFICATIONS:

Supply voltage: 4.0 - 5.5 Vdc

Sensitivity: –165 dBW minimum

GPS Performance: Receiver: WAAS enabled; 12 parallel channel GPS receiver continuously tracks and uses up to 12 satellites to compute and update the data

Acquisition times:
* Reacquisition: Less than 2 seconds
* Warm: Approximately 15 seconds
* Cold: Approximately 45 seconds
* SkySearch: 5 minutes

Serial format: Selectable between NMEA 0183 v2.00, NMEA 0183 v3.00, and GARMIN binary formats; Approved output sentences: GPALM, GPGGA, GPGLL, GPGSA, GPGSV, GPRMC, GPVTG;
Proprietary sentences: PGRMB, PGRME, PGRMF, PGRMM, PGRMT, PGRMV

Cable, Connector: 16 feet cable terminated with 4 to 6 pin header

Temperature:
* Operating: –30° to 80°C
* Storage: –40° to 90°C

Environmental: Waterproof housing

Mounting: Magnetic bottom and female M4 tapped center mount on bottom plate

Size: 2.4” (61.0 mm) diameter x 0.76” (19.5 mm) height

Weight: 5.7 oz (115.6 g)
Connector terminal box for extension data cables

Model CBOX6P3C
WATERPROOF INDOOR / OUTDOOR PLASTIC BOX WITH 2 X 6 POSITION SCREW TERMINAL AND FOR UP TO 3 CABLES.

<table>
<thead>
<tr>
<th>Material:</th>
<th>ABS plastic</th>
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<tbody>
<tr>
<td>Color:</td>
<td>White/Grey</td>
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<tr>
<td>Dims:</td>
<td>appx. 3.3” x 2” x 1.2” (84mm x 51mm x 30mm) (LxWxH)</td>
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<tr>
<td>Screw Terminal:</td>
<td>2 rows x 6 position</td>
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<tr>
<td>Wire size:</td>
<td>14 - 24 AWG</td>
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<tr>
<td>Waterproof</td>
<td></td>
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<tr>
<td>Strain Relief:</td>
<td>For cables up to 0.3” dia. (7.6mm dia.)</td>
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