

Protector accessories

WBX Series



WBX Series

A range of moisture and dirt resistant enclosures for the convenient installation of ESP protectors and their associated CME with grey base and either a see-through or grey (part number /G or /GS) lid.

Features & benefits

- Tough polycarbonate enclosures (except ABS WBX 2/G)
- Weatherproof with IP resistance to dirt and water of IP56 or more
- Clear lid enables easy visual inspection of the protector's visual status indication (WBX 3, WBX 4, WBX D4, WBX 8, WBX D8, WBX M2, WBX M4)
- Grey lid for applications not needing regular protector inspection (WBX 2/G, WBX 3/G, WBX 4/GS, WBX 8/GS and WBX 16/2/G)
- For external CCTV and other installations requiring added security the WBX 4/GS and WBX 8/GS are supplied with an opaque lid and special secure head screws (plus tool)
- Supplied complete with metal base (mounting) plate with pre-prepared mounting positions and fixing hardware for easy installation (except WBX 2/G which has a plain metal base)

Application

Use on coaxial cables to protect RF transmitter and receiver systems, including electronics located at the antenna or dish. Typical examples include cell sites, military communications, satellite earth stations, pager systems and emergency services communications systems.

Installation

The protector(s), or CME kit, are mounted on the metal base plate, which in turn mounts in the enclosure.

WBX Series

WBX Series - Technical specification

| Enclosure Part No. | For Use with Following Protectors | Enclosure Part No. | For Use with Following Protectors |
|--------------------|--|------------------------------|---|
| WBX D4 | 1 ESP 240 or 415/XXX/TNS or TNC protector, or single phase D1 series protector | WBX M4 | 1 ESP M4 series protector |
| WBX D8 | 1 ESP 415/XXX/TT protector, or three phase D1 series protector | WBX 4 or the secure WBX 4/GS | 1 CME 4 and associated protectors |
| WBX 3 | 1 single phase M1 series protector | WBX 8 or the secure WBX 8/GS | 1 CME 8 and associated protectors |
| WBX 4 | 1 three phase M1 series protector | WBX 16/2/G | 1 or 2 CME 16 and associated protectors |
| WBX M2 | 1 ESP M2 series protector | WBX 2/G | 1 or 2 single earth stud protectors |
| | | WBX 3/G | Up to 3 single earth stud protectors |
| | | WBX 3/G | 1 double earth stud protector |

| | WBX 2/G | WBX 3 WBX 3/G | WBX 4 WBX 4/GS | WBX D4 | WBX 8 WBX 8/GS | WBX D8 | WBX 16/2/G | WBX M2 | WBX M4 |
|----------------|---------|------------------|-------------------|---------|-------------------|---------|------------|--------|--------|
| Weight: – Unit | 0.45 kg | 0.5 kg | 0.9 kg | 0.4 kg | 1.3 kg | 0.55 kg | 6.4 kg | 1.9 kg | 2.2 kg |
| – Packaged | 0.5 kg | 0.55 kg | 0.95 kg | 0.45 kg | 1.35kg | 0.6 kg | 7.6 kg | 2.3 kg | 3.0 kg |

Dimensions:

| | | | | | | | | | |
|---------------------|----------|----------|-----------|---------------|-----------|----------|-----------|-----------|-----------|
| Length: – Internal | 150 mm | 222 mm | 225 mm | – | 225 mm | – | 460 mm | 254 mm | 254 mm |
| – External | 160 mm | 230 mm | 235 mm | 200 mm | 235 mm | 200 mm | 474 mm | 280 mm | 280 mm |
| Width: – Internal | 110 mm | 72 mm | 150 mm | – | 225 mm | – | 380 mm | 254 mm | 254 mm |
| – External | 120 mm | 80 mm | 160 mm | 123 mm | 235 mm | 195 mm | 396 mm | 280 mm | 280 mm |
| Depth: – Internal | 71 mm | 79 mm | 100 mm | – | 100 mm | – | 120 mm | 115 mm | 165 mm |
| – External | 90 mm | 85 mm | 117 mm | 112 mm | 117 mm | 112 mm | 128 mm | 130 mm | 180 mm |
| Fixing centres (mm) | 148 x 90 | 210 x 60 | 215 x 140 | 140 centrally | 215 x 215 | 140 x 88 | 380 x 310 | 254 x 254 | 254 x 254 |
| IP rating | IP66 | IP67 | IP66 | IP65 | IP66 | IP65 | IP56 | IP67 | IP67 |