

## Category 3 – Distribution Box & Disconnection Module

### Product Overview

Alston Systems Indoor Connection Box is an adaptable plastic box designed to contain various back mount frames and mountings for ancillary components. The base has generous provisions for fixing of cable tie anchors, jumper rings, earth posts and connector. The DB Boxes come without the disconnection module. The material of Plastic Parts are ABS-VO-UL94, Grey Material of contact pins – 1mm Silver-Plated Bronze.



20 Pair Indoor DB Box	UK Type with Mounting Frame Measurement - L:170mm, W:120mm, H:55mm
50 Pair Indoor DB Box	UK Type with Mounting Frame Measurement - L:208mm, W:159mm,H:90mm
100 Pair Indoor DB Box	UK Type with Mounting Frame Measurement - L:319mm, W:209mm,H:122mm

### Disconnection Module

Environmental Specifications	
Environment Condition	-40°C to 90°C
Operation Condition	-20°C to 80°C
Atmospheric Pressure	70-106KPA
Relative Humidity	<85%
Mechanical Specifications	
Pulling-out force	≥25N
Diameter of connection wire	22AWG-26AWG
Insulation resistance between the reed terminators	≥10GΩ
Contact resistance	≥1mΩ
Dielectric Strength	2KV eff
Impulse Voltage resistance	3.6KV(8/20)
Operating Voltage for basic insulation	210Vdc, 150V eff TNV
Transient over Voltage for basic insulation	2.5KV
Current carrying capacity, disconnection module, connection	10KA/5KA
IDC re-termination	≥200 cycles
Number of test cord insertions	≥750
Transmission performance	≥TIA 566B CATEGO
Material and Package	
Plastic Components	PBT (UL94V-0)
Contact material	Phosphor bronze (Qsn6, 5-0.1)
Contact plating	Silver plating 20 inch
Specifications	10 pairs
IDC Type	Disconnection type
Dimension (HXWXD)	124mm x21mm x40 mm

### Ordering Information

Part Number	Description
811000202	Alston Systems, Indoor Distribution Box, 20Pair, Gray
811000502	Alston Systems, Indoor Distribution Box, 50 Pair, Gray
811001002	Alston Systems, Indoor Distribution Box, 100 Pair, Gray
811002002	Alston Systems, Indoor Distribution Box, 200 Pair, Gray
821000106	Alston Systems, Disconnection Module, 10 Pair, White