

## **JUNCTION BOX ARCHITECT AND ENGINEER SPECIFICATIONS**

The junction box shall provide increased system security and flexibility by splitting the DCS-LAN chain into four tap-out connections. It shall support any conference unit, interpreter set or channel selector in the DCS 6000 Digital Conference System, and the DDS 5900 Digital Discussion System.

Each single cable connection shall remain unaffected by the other connections. Connecting/disconnecting the junction box, or malfunctioning units on the tap-outs shall not affect the remaining system.

The junction box shall support one conference/discussion unit, or one interpreter unit per tap-out. Alternatively up to four channel selectors shall be able to connect to each tap-out. The maximum cable length on each tap-out shall be 10m.

The junction box shall connect with shielded CAT 5e (or higher) F/UTP or U/FTP cables. The junction box shall measure 24 mm in height, 115 mm in width and 70 mm in depth. The unit shall weigh 300 g, with a temperature range of 5° to 40° C.

The junction box shall be a DIS JB 6104.