

DAB/DMB SWITCH BOX



- The digital signal splitter/switch is used for active, decoupled splitting of a 2.048 Mbit/s-signal acc. ITU-T Rec. G.703 to 2 outputs
- From 2 incoming signals Fan 1 and Fan 2, one is selected via a priority control or with a switch
- The inputs are sensed on LOS (Loss Of Signal) and AIS (Alarm Indication Signal)
- In this way there is a redundant signal selection possible if an error occurs
- The signal will be amplified, regenerated and controlled on an internal bus
- An output amplifier generates the original DS2-signal, one for each output
- All inputs and outputs are optional symmetrically or coaxial



Specifications

KEY FEATURES

- ✓ Functions
 - 1 is selected via a priority control or with a switch
 - The inputs are sensed on LOS (Los Of Signal) and AIS (Alarm Indication Signal)
 - There is a redundant signal selection possible if an error occurs
 - The signal will be amplified, regenerated and controlled on an internal bus
 - All inputs and outputs are optional symmetrically or coaxial
 - They are decoupled by transformers and protected against overvoltage

- ✓ Inputs/Outputs Specifications
 - Acc. the ITU-T (CCITT) recommendations G.703.
 - The units can be supplied with -48 VDC or with 230 VAC + +

SIGNAL

- 120 Ohms symmetrical resp. 75 Ohms coaxial,
- Earthfree by transformers

ALARMING

- Potential free relays contacts (open or closed selectable)

MECHANICS

- Shielded metal case with connections for 19" racks or optional

ENVIRONMENT & MECHANICAL DATA

- ✓ Dimensions
 - 19"- style
 - 1 HU Depth 280 resp. 420 mm (w/o connectors at the rear)
- ✓ Power Supply
 - -48 VDC and/or 230 VAC in tolerated limits at PTT

CONTROL

- Optional external loop, potential free (input 1 or 2),
- Open or closed according to demands
- D-connector or others after discussion

DISPLAY

- LOS at input 1 red LED
- AIS at input 1 red LED
- (LOS at input 2 red LED)
- (AIS at input 2 red LED)



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