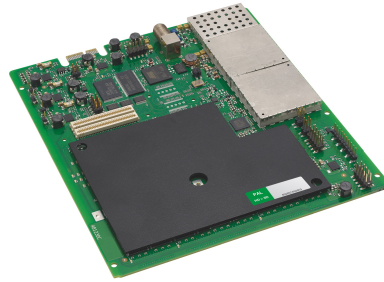


connecting the future



## TDH 848 PAL-HD Downscale FTA Backend

Article number: 692852

### Product description:

The TDH quad PAL HD downscale module can take any HD service from the pool, scale the service down to SD format, modulate it in to a PAL signal and distribute it in a PAL services / TV programs from each module equal to 24 PAL services from one cabinet. To support AC3 tone there is a special license needed (418851)

VSB VHF/UHF mono, A2, Nicam

### Specifications

ORDER INFORMATION	
EAN Number	5702666928524
CHARACTERISTICS	
Picture carrier stability	< $\pm 30$ kHz
Spurious Signals	> 60 dB
Output level adjustment	+3...-17 dB
Output Level System	103 dB $\mu$ V
Differential Gain	< 8 %
Differential Phase	< 8 °

Group delay	< 80 ns
Output Video S/N Ratio	≥ 57 dB
Sound sub carrier	5.5 / 5.74 / 6.0 / 6.5 MHz
Sound sub carrier stability	Nicam/ A2: ± 1 kHz, mono: ± 5 kHz
Output Audio S/N Ratio	50 dB
<b>FREQUENCY</b>	
Output frequency range	47 - 862 MHz
Channel Raster	7, 8 MHz
Frequency step	250 kHz
<b>RETURN LOSS</b>	
Output Return Loss	> 10 dB
<b>ELECTRICAL</b>	
Impedance	75 Ω
<b>OPERATIONAL</b>	
CI slots	0
DC Operating voltage	12 ± 1 VDC
DC Current consumption	1600 mA
Temperature - operating	-10...50 °C
Temperature - storage	-20 ..70 °C
Humidity - operating	20 ... 80 %
Humidity - storage	10 ... 90 %
<b>CONNECTORS</b>	
Connector Type	F-female
<b>MECHANICAL</b>	
Dimensions product (H x D x W)	17 x 162 x 185 mm
Packing QTY	1
Packaging Height	0,060 m
Packaging Width	0,180 m
Packaging Depth	0,270 m
Packaging Volume	0,003 m3
Net Weight	0,335 kg
Tara Weight	0,087 kg
Total Weight	0,422 kg