



Home amplifier - 4-outputs

HOME AMPLIFIERS

## OV-8420

The OV-8420 is an active splitter enabling downstream traffic up to 1.2 GHz with a 65/85 MHz split band. This allows operators to use the DOCSIS® 3.1 downstream spectrum with their customer enabling higher throughput and more efficient bandwidth use. It also provides port-specific amplification levels of 0.5/2/4/8 dB, matching typical in-home cable runs up to 30 meters

### OV-8420 features:

- Extended frequency range 5-65/85-1218 MHz
- Amplification 0.5/2/4/8 dB matching different cable lengths
- Outstanding RF performance
- 4 outputs, all ports F-female
- Power Supply 12 VDC included
- ABS plastic housing included
- Kabel Keur PVE4.0 certified (up to 1006 MHz)

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## HOME AMPLIFIER / OV-8420

TECHNICAL SPECIFICATIONS <sup>(1)</sup>			
Downstream signal path		Upstream signal path	
Frequency range	85...1218 MHz	Frequency range	5...65 MHz
Gain		Gain	
Port 1	0.5 dB	Port 1	1 dB
Port 2	2 dB	Port 2	1 dB
Port 3	4 dB	Port 3	1 dB
Port 4	8 dB	Port 4	1 dB
Return loss	18 dB	Return loss	18 dB
Noise figure	≤ 6 dB	Noise figure	≤ 14 dB
Isolation	23...27 dB		
CTB/CSO	77-85 dBμV		
GENERAL SPECIFICATIONS <sup>(1)</sup>			
Connectors	F female	Dimensions	10 × 8.5 × 2.6 cm (w × h × d) 12.5 × 9.1 × 3 cm (w × h × d) <sup>(2)</sup>
Supply voltage	12 VDC	Operating temperature	0...+40 °C
Power consumption	4 W	ESD	1 kV
Surge	1 kV		
NOTES			
(1) Typical values, please contact a Teleste representative for further information.			
(2) With plastic cover.			
ORDERING INFORMATION			
OV-8420	4-way home amplifier, 5...1218 MHz, with 85 MHz upstream path. Includes plastic cover.		
INSIGHTS			
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;">  </div> <div> <h3>ENVIRONMENTAL FRIENDLINESS...</h3> <p>At Teleste, we aim to design environmentally conscious products by reducing material volumes, cutting energy consumption, extending the life cycle of the network infrastructure as a whole, and continually improving product quality.</p> </div> <div style="margin-left: 20px;">  </div> </div>			

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TELESTE CORPORATION  
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Home Amplifier OV-8420\_260209

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