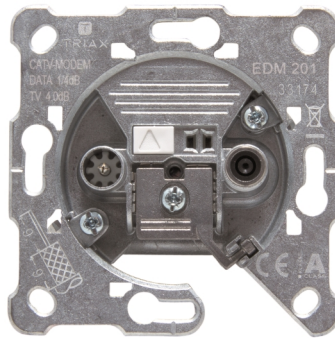


## EDM 201 multimedia CATV

Art. Number 306300



### EDM 201 Selective COAX Multimedia CATV

To be used in interactive CATV networks, in well isolated branch lines from the CATV multi-tap

- High isolation between TV and DATA port - avoids interference produced from modem operation
- Unsymmetrical and selective coupling of upstream/downstream signals to DATA port enables lowest insertion loss as well as zero intermodulation of the upstream signal
- Reliable SMD technology
- Shielding comply to Class A+ (Class A+10dB) according to EN 60728-2 (5.5)

## Technical Specifications

### ORDER INFORMATION

EAN Number 5702663063006

### SHIELDING

Shielding @ 1000...2400 MHz   dB	≥ 65.0 dB
Shielding @ 300-470 MHz   dB	≥ 90.0 dB
Shielding @ 30-300 MHz   dB	≥ 95.0 dB
Shielding @ 470-1000 MHz   dB	≥ 85.0 dB

### CHARACTERISTICS

Outlet Type Terminated

### FREQUENCY RANGE

Frequency Range DATA   MHz	5...204 / 258...1794 MHz
Frequency Range TV   MHz	258...1200 MHz

### LOSS

Through Loss IN-DATA   dB	1 (@5...204MHz) 4.2 (@258...1218MHz) 5.2 (1218...1794MHz) dB
Through Loss IN-TV   dB	4.2 (@258...1218MHz) 54 (@<204MHz) 65 (@<30MHz) dB

### ISOLATION

Isolation TV-DATA | dB 56 (@<85MHz) 53 dB



## Technical Specifications

### RETURN LOSS

Return Loss DATA   dB	16 (@<204MHz) 14 (@258...1218MHz) 12 (@1218...1794MHz)	dB
Return Loss IN   dB	14 (@<204MHz) 18 (@258...1218MHz) 15 (@1218...1794MHz)	dB
Return Loss TV   dB	20 (@258...300MHz) 18 (@300...1218MHz)	dB

### ELECTRICAL

Impedance   $\Omega$	75 $\Omega$
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### OPERATIONAL

Certification	EN 50083-1, EN 50083-2
Screening Efficiency	EN50083-2 (Class A+10dB)
MTBF (mean time between failures)   hours	>1.000.000 hours
Temperature - operating   °C	-25...55 °C
Temperature - shipping   °C	-40...70 °C
Temperature - storage   °C	-25...55 °C

### CONNECTORS

Adaptable Cable Diameters - Inner Conductor   mm	0.58...1.15 mm
Adaptable Cable Diameters - F-female   mm	0.6...1.13 mm
Adaptable Cable Diameters- Jacket   mm	4.5...7.2 mm
Adaptable Cable Diameters - Outer Conductor   mm	3.7...5.8 mm
Connector IN-OUT	Spring Clamp Termination
Connector TV	IEC-male

### MECHANICAL

Packaging Depth   m	0.071 m
Packaging Height   m	0.035 m
Total Weight   kg	0.104 kg
Packaging Width   m	0.071 m
Main material	Zinc diecast
Net Weight   kg	0.096 kg
Plug-in Strength - with $\varnothing$ 1,1   N	25 N
Tara Weight   kg	0.008 kg
Tensile Strength - Inner Conductor 2 ( $\varnothing$ )   N/mm <sup>2</sup>	> 50 @ 1.13mm N/mm <sup>2</sup>
Tensile Strength - Inner Conductor 1 ( $\varnothing$ )   N/mm <sup>2</sup>	> 25 @ 0.75mm N/mm <sup>2</sup>
Packaging Volume   m <sup>3</sup>	0.000 m <sup>3</sup>