

# TRIAX® Gold 1.0 GHz, 4-way taps

For Indoor SMATV / MATV distribution networks



TERRESTRIAL  
RECEPTION

SATELLITE  
& FIBRE  
RECEPTION

CABLE TV  
(CATV)

HEADENDS  
CAS SYSTEM  
MODULATORS

CABLES &  
CONNECTORS

OUTLETS  
TAPS &  
SPLITTER

INHOUSE  
CONNECTIVITY

SURVEILLANCE  
(CCTV)

INSTRUMENTS  
TOOLS &  
CABINETS

TECHNICAL  
APPENDIX



## Common Features - ACS Taps series

Excellent performance/price relation for use in all coaxial TV distribution networks without DC line feeding.

- All round performance for use in CATV, SMATV, MATV
- Frequency range 5 MHz up to 1.0 GHz
- All ports AC/DC blocked at inner conductor

- High shielding of 110 dB
  - Return loss Grade 2 (>18dB)
  - F- female connectors compliant EN 61169-24, spring clips brazen of phosphor bronze tinned
  - Die-cast housing with tin (Sn) coating
  - According EN 50083-2 and EN 60728-4
- More data on webpage [www.triax.com](http://www.triax.com)

### ACT 4-10 - 4 way tap

Art. No. 343279

EAN Number  
5702663432796



### ACT 4-20 - 4 way tap

Art. No. 343282

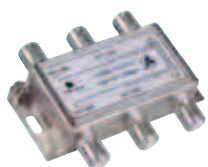
EAN Number  
5702663432826



### ACT 4-12 - 4 way tap

Art. No. 343280

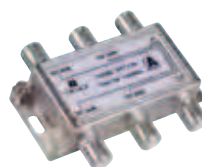
EAN Number  
5702663432802



### ACT 4-24 - 4 way tap

Art. No. 343283

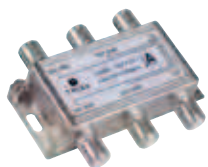
EAN Number  
5702663432833



### ACT 4-16 - 4 way tap

Art. No. 343281

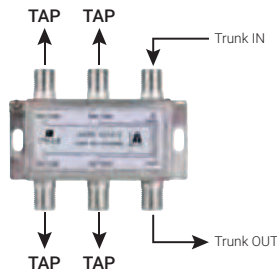
EAN Number  
5702663432819



# TRIAX® Gold taps

frequency range 5...1000 Mhz.

4-way tap



Type:	ACT 4-10	ACT 4-12	ACT 4-16	ACT 4-20	ACT 4-24
Art. No.	343279	343280	343281	343282	343283
<b>FREQUENCY</b>					
Frequency range	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz
<b>SHIELDING</b>					
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB
<b>LOSS</b>					
Insertion loss (in-out) 5-40 MHz	3.5dB	3.5dB	1.8dB	1.0dB	1.0dB
Insertion loss (in-out) 40-470 MHz	3.6dB	3.6dB	1.8dB	1.1dB	0.8dB
Insertion loss (in-out) 470-860 MHz	4.0dB	4.0dB	2.4dB	1.3dB	1.0dB
Insertion loss (in-out) 860-1000 MHz	4.5dB	4.5dB	2.5dB	1.5dB	1.2dB
Tap loss (in-tap) 5-40 MHz					
Tap loss (in-tap) 40-470 MHz	10.0dB	12.0dB	16.0dB	20.0dB	24.0dB
Tap loss (in-tap) 470-860 MHz	10.2dB	12.5dB	16.5dB	20.5dB	24.5dB
Tap loss (in-tap) 860-1000 MHz	11.0dB	12.5dB	16.5dB	20.5dB	24.5dB
<b>ISOLATION</b>					
Isolation (out-tap) 5-40 MHz	30dB	26dB	36dB	40dB	45dB
Isolation (out-tap) 40-470 MHz	28dB	26dB	32dB	33dB	33dB
Isolation (out-tap) 470-860 MHz					
Isolation (out-tap) 860-1000 MHz					
Isolation (tap-tap) 5-40 MHz	28dB	30dB	30dB	30dB	30dB
Isolation (tap-tap) 40-470 MHz	27dB	28dB	28dB	28dB	28dB
Isolation (tap-tap) 470-860 MHz	27dB	26dB	26dB	26dB	26dB
Isolation (tap-tap) 860-1000 MHz					
<b>RETURN LOSS</b>					
Return loss (in-out) 5-40 MHz	21dB	21dB	22dB	22dB	22dB
Return loss (in-out) 40-470 MHz	20dB	20dB	20dB	20dB	20dB
Return loss (in-out) 470-860 MHz	18dB	18dB	18dB	18dB	18dB
Return loss (in-out) 860-1000 MHz	17dB	17dB	17dB	17dB	17dB
Return loss (tap) 5-40 MHz	21dB	21dB	22dB	22dB	22dB
Return loss (tap) 40-470 MHz	20dB	20dB	20dB	20dB	20dB
Return loss (tap) 470-860 MHz	18dB	18dB	18dB	18dB	18dB
Return loss (tap) 860-1000 MHz	17dB	17dB	17dB	17dB	17dB
<b>ELECTRICAL</b>					
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω
<b>OPERATIONAL</b>					
Certification	CE, RoHS, EN 60728-4				
DC Passthrough	NO - DC blocked at inner conductor				
<b>CONNECTORS</b>					
Connector Type	F-female	F-female	F-female	F-female	F-female
Number of inputs	1	1	1	1	1
Number of outputs	1	1	1	1	1
Number of taps	4	4	4	4	4
<b>MECHANICAL</b>					
Product Depth	16 mm	16 mm	16 mm	16 mm	16 mm
Product Width	74 mm	74 mm	74 mm	74 mm	74 mm
Product Height	55 mm	55 mm	55 mm	55 mm	55 mm
Main Material	Zinc die-casting, bright tin plated				
Packing QTY	1	1	1	1	1
Extra high bracket	Optional extra				
Net Weight	0,080kg	0,080kg	0,080kg	0,080kg	0,080kg

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