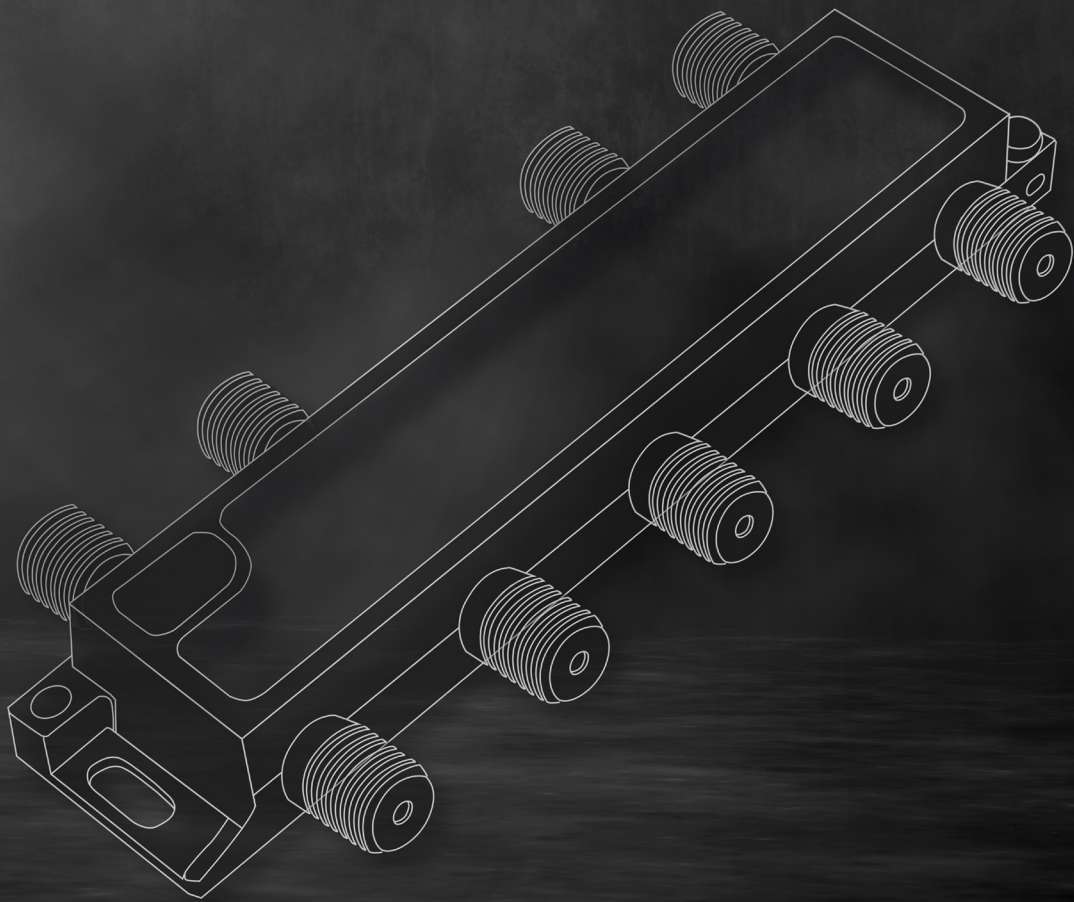


# TRIAX

## Taps & Splitters



3 ranges

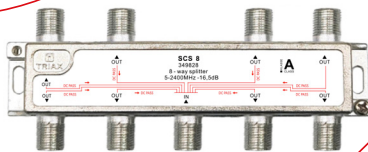
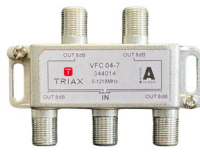
**Platinum, Gold & Silver**

# TRIAX Coaxial Taps and Splitters

The Right Choice

**3** ranges

PLATINUM  
GOLD  
SILVER



TRIAX has restructured and upgraded its coaxial Tap and Splitter range with a selection of application specific product families.

- **PLATINUM** which meets enhanced special characteristics for DOCSIS operation in CATV networks.
- **GOLD** for all-round use in SMATV distribution systems.
- **SILVER** preferred for SAT-IF and MATV applications.

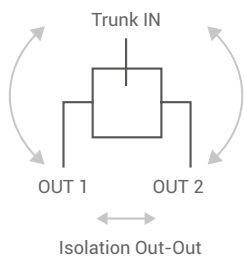
With TRIAX you can always find the right solution for your distribution system.

## TAPS AND SPLITTERS - THE BASICS

### SPLITTER

Splitters divide the signal from a trunk line into equal portions to the outputs.

#### Insertion Loss

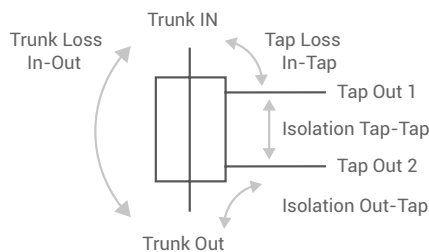


Attenuation between IN and OUT.

### TAP

Taps divide a small portion of the signal on the trunk line to tap lines.

#### Insertion Loss



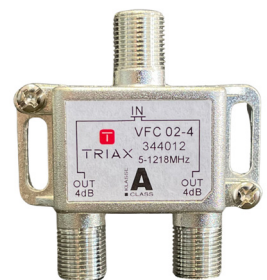
Attenuation between Trunk IN and Trunk OUT.  
Tap Loss  
Attenuation between Trunk IN and Tap.

## PLATINUM Range 1.2 GHz



The TRIAX "PLATINUM" indoor Taps and Splitters are premium components for use in coaxial networks of bi-directional CATV distribution systems. The enhanced product performance is preferred for use in future proofed networks with DOCSIS 2.0 / 3.0 / 3.1 operation.

- Extended frequency range to 1218 MHz.
- Low intermodulation in return path (EN 60728-4).
- All ports are AC/DC blocked to avoid hum modulations.
- Zinc die-cast housing with Tin plating and soldered back plate for very high shielding.

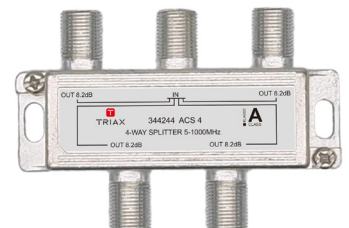


## GOLD Range 1.0 GHz



The TRIAX "GOLD" indoor Taps and Splitters are used in standard coaxial CATV, SMATV and MATV networks operating with digital DVB-C (QAM), DTT (COFDM) and DAB signals.

- All ports are AC/DC blocked to avoid hum modulations.
- Zinc die-cast housing with Tin plating and soldered back plate for very high shielding.

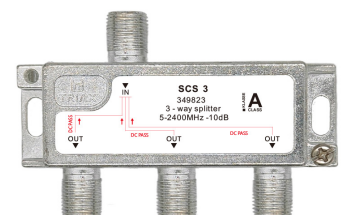


## SILVER Range 2.4 GHz



The TRIAX "SILVER" indoor Splitters are used in coaxial SAT-IF distribution networks operating with DVB-S/S2 (QPSK, 8PSK) and/or in MATV applications with DTT (COFDM) and DAB signals.

- All outputs of the splitters are DC directionally coupled via diodes to the input.
- Zinc die-cast housing with Tin plating and soldered back plate for very high shielding.



# TRIAX Coaxial Taps and Splitters

The product families

## Platinum



Indoor  
CATV-DOCSIS 2.0/3.0/3.1

Enhanced product characteristics including low intermodulation, extended frequency range and mechanical performance for use in future proof CATV networks.

Low intermodulation to EN 60728-4

Frequency  
up to 1218 MHz

## Gold

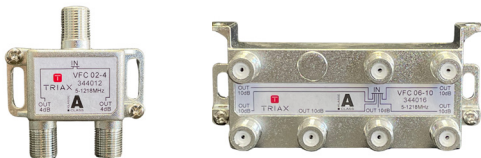


Indoor  
CATV, SMATV, MATV

For use in all coaxial TV distribution networks without DC line powering.

Frequency  
up to 1.0 GHz

### Splitters VFC



### Taps AFC



### Splitters ACS



### Taps ACT



## Silver

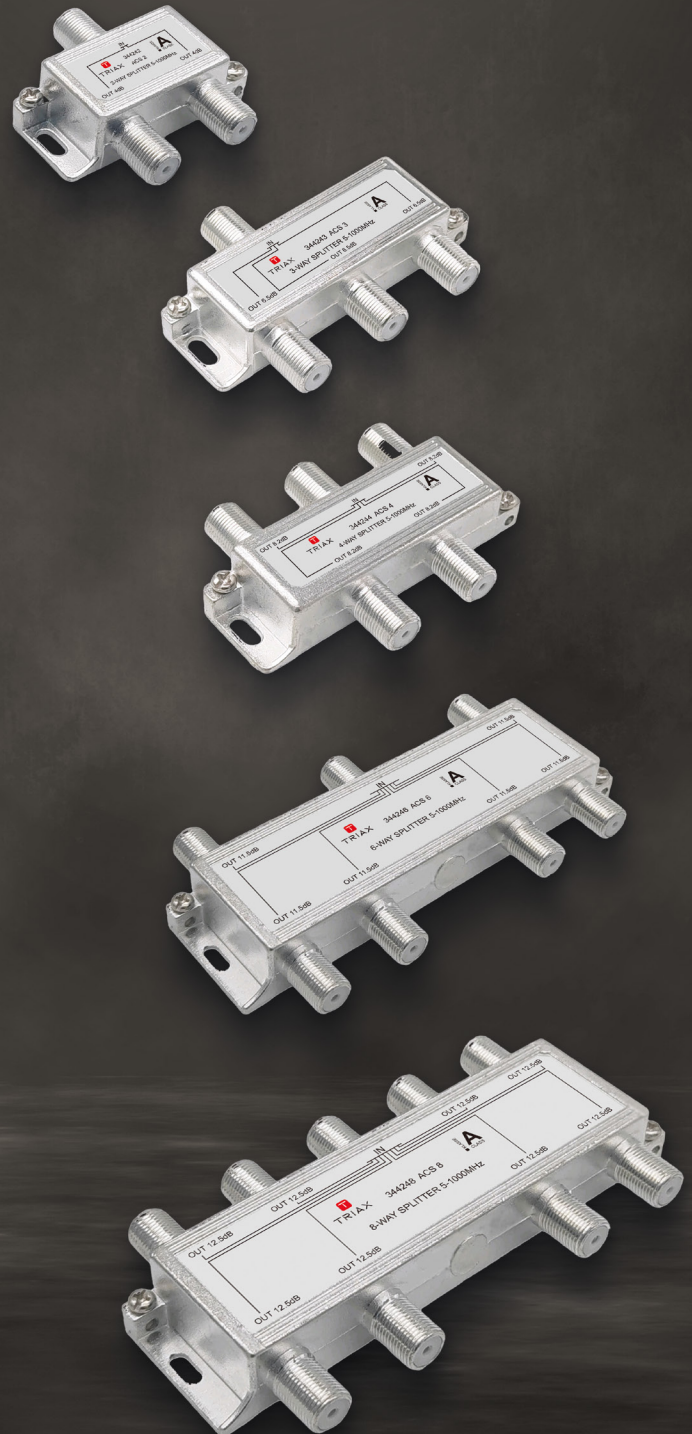
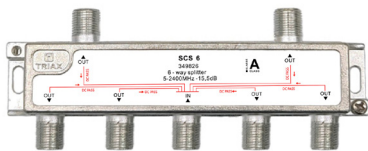


Indoor  
SAT, MATV

Wideband design for use in SAT-IF  
and MATV distribution systems.  
All splitters with 13/18V, 22 kHz pass through for  
SAT band switching and remote powering.

Frequency  
up to 2.4 GHz

## Splitters SCS





# Platinum 1.2 GHz











Range and characteristics

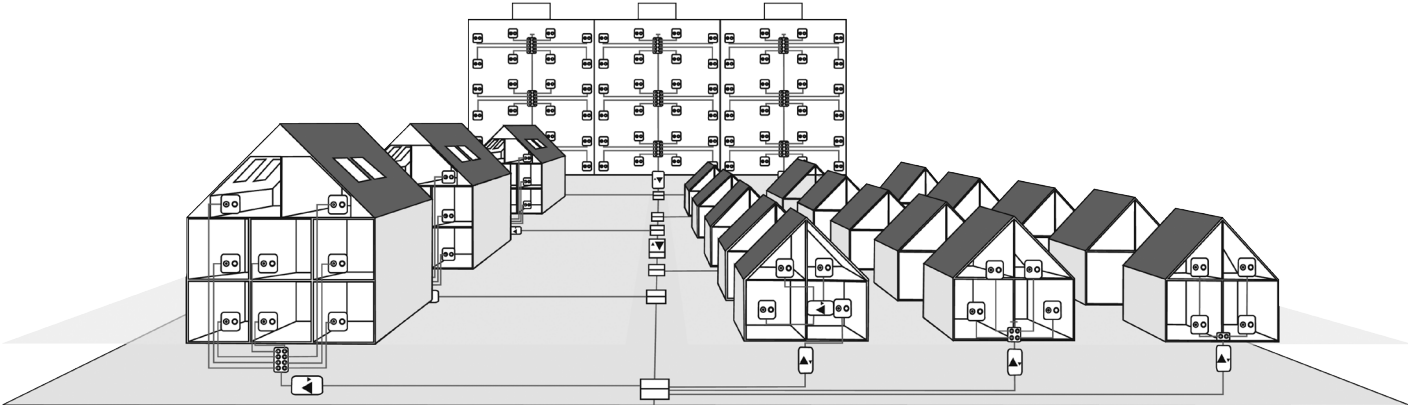


## Features

- Excellent performance for CATV with DOCSIS 2.0/3.0/3.1 operation
- Frequency range 5 MHz up to 1218 MHz
- Low intermodulation <15 dBμV after surge @ output level 120 dBμV on return path
- All ports AC/DC blocked at inner conductor
- High shielding of 110 dB
- Return loss Grade 2 (>18 dB)
- F- female connectors compliant to EN 61169-24
- Zinc die-cast housing with Tin plating and soldered back plate for very high shielding
- According to EN 50083-2, EN 60728-4
- Two-ways of mounting (vertical or horizontal): 6-way and 8-way splitters, 6-way and 8-way taps

				Insert. Loss in-out 1218 MHz	Isolation out-out 1218 MHz
	Item type	Item name	Part No.		
<b>SPLITTERS</b>					
		2-way splitter	VFC 02-4 344012	4 dB	22 dB
		3-way splitter	VFC 03-6 344013	6 dB	22 dB
		4-way splitter	VFC 04-7 344014	8 dB	22 dB
		6-way splitter	VFC 06-10 344016	10 dB	22 dB
		8-way splitter	VFC 08-12 344018	12 dB	22 dB

		Item type	Item name	Part No.	Tap Loss in-tap	Insert. Loss in-out 1218 MHz	Isolation tap-tap 1218 MHz	Isolation out-tap 1218 MHz
<b>TAPS</b>								
		1-way tap	AFC 01-6	344100	6 dB	3 dB	-	22 dB
			AFC 01-8	344101	8 dB	2.2 dB	-	22 dB
			AFC 01-12	344102	12 dB	1.2 dB	-	22 dB
			AFC 01-16	344103	16 dB	0.9 dB	-	28 dB
			AFC 01-20	344104	20 dB	0.9 dB	-	28 dB
		2-way tap	AFC 02-9	344131	8.5 dB	4.7 dB	25 dB	23 dB
			AFC 02-12	344132	12 dB	2.2 dB	27 dB	23 dB
			AFC 02-16	344133	16.5 dB	2 dB	30 dB	28 dB
			AFC 02-21	344134	20 dB	1.8 dB	30 dB	30 dB
		4-way tap	AFC 04-12	344135	12 dB	5 dB	28 dB	22 dB
			AFC 04-16	344136	16.5 dB	4.5 dB	30 dB	22 dB
		6-way tap	AFC 06-16	344137	16.5 dB	4.8 dB	30 dB	22 dB
		8-way tap	AFC 08-16	344138	16.5 dB	7 dB	32 dB	22 dB

















# Gold 1.0 GHz

Range and characteristics













## Features

- All round performance for use in CATV, SMATV, MATV systems
- 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 to EN 61169-24
- Zinc die-cast housing with Tin plating and soldered back plate for very high shielding
- According to EN 50083-2 and EN 60728-4

				Insert. Loss in-out 862 MHz	Isolation out-out 862 MHz	
		Item type	Item name	Part No.		
<b>SPLITTERS</b>						
		2-way splitter	ACS 2	344242	3.8 dB	28 dB
		3-way splitter	ACS 3	344243	6.2 dB	23 dB
		4-way splitter	ACS 4	344244	8 dB	24 dB
		6-way splitter	ACS 6	344246	10.5 dB	23 dB
		8-way splitter	ACS 8	344248	12 dB	24 dB
		12-way splitter	ACV 12	343255	14.5 dB	23 dB
		16-way splitter	ACV 16	343256	16.2 dB	23 dB



				Tap Loss in-tap 862 MHz	Insert. Loss in-out 862 MHz	Isolation tap-tap 862 MHz
				Item type	Item name	Part No.
<b>TAPS</b>						
 	1-way tap	ACT 1-6	344258	6 dB	3 dB	-
		ACT 1-8	344259	8 dB	2.2 dB	-
		ACT 1-12	344260	12 dB	1.4 dB	-
		ACT 1-16	344261	16 dB	1.2 dB	-
		ACT 1-20	344262	20 dB	1.2 dB	-
 	2-way tap	ACT 2-8	344265	8 dB	4 dB	20 dB
		ACT 2-10	344266	10 dB	2.8 dB	22 dB
		ACT 2-12	344267	12 dB	2 dB	25 dB
		ACT 2-16	344268	16 dB	1.5 dB	25 dB
		ACT 2-20	344269	20 dB	1.2 dB	25 dB
 	4-way tap	ACT 4-8	344278	8 dB	5.6 dB	23 dB
		ACT 4-10	344279	10 dB	4.3 dB	23 dB
		ACT 4-12	344280	12 dB	4.3 dB	25 dB
		ACT 4-16	344281	16 dB	2.4 dB	25 dB
		ACT 4-20	344282	20 dB	1.4 dB	25 dB
 	6-way tap	ACT 6-12	344285	12 dB	4.3 dB	22 dB
		ACT 6-16	344286	16 dB	3.2 dB	22 dB
		ACT 6-20	344287	20 dB	2.3 dB	22 dB
		ACT 6-24	344288	24 dB	1.2 dB	22 dB
 	8-way tap	ACT 8-16	344289	16 dB	4 dB	22 dB
		ACT 8-20	344290	20 dB	2.3 dB	22 dB
		ACT 8-24	344291	24 dB	1.2 dB	22 dB











# Silver 2.4 GHz








Range and characteristics



## Features

- Special performance for use in SAT-IF and MATV distribution networks
- Frequency range 5 MHz up to 2.4 GHz
- DC/AC pass through max. 24 V/0.5 A from all RF outputs to input directionally coupled by diodes
- High shielding of 110 dB
- Return loss Grade 3
- F- female connectors compliant to EN 61169-24
- Zinc die-cast housing with Tin plating and soldered back plate for very high shielding

				Insert. Loss in-out 2150 MHz	Isolation out-out 2150 MHz
	Item type	Item name	Part No.		
<b>SPLITTERS, DC PASS FROM OUTPUTS TO INPUT</b>					
		2-way splitter	SCS 2	349822	6 dB / 22 dB
		3-way splitter	SCS 3	349823	10.5 dB / 23 dB
		4-way splitter	SCS 4	349824	11.5 dB / 23 dB
		6-way splitter	SCS 6	349826	16.5 dB / 23 dB
		8-way splitter	SCS 8	349828	17 dB / 23 dB

Item type		Art. No.: - Type					
SPLITTERS		PLATINUM		GOLD		SILVER	
	2-way splitter	344012	VFC 02-4	344242	ACS 2	349822	SCS 2
	3-way splitter	344013	VFC 03-6	344243	ACS 3	349823	SCS 3
	4-way splitter	344014	VFC 04-7	344244	ACS 4	349824	SCS 4
	6-way splitter	344016	VFC 06-10	344246	ACS 6	349826	SCS 6
	8-way splitter	344018	VFC 08-12	344248	ACS 8	349828	SCS 8
	12-way splitter			343255	ACV 12		
	16-way splitter			343256	ACV 16		
TAPS		PLATINUM		GOLD			
	1-way tap	344100	AFC 01-6	344258	ACT 1-6		
		344101	AFC 01-8	344259	ACT 1-8		
		344102	AFC 01-12	344260	ACT 1-12		
		344103	AFC 01-16	344261	ACT 1-16		
		344104	AFC 01-20	344262	ACT 1-20		
	2-way tap	344131	AFC 02-9	344265	ACT 2-8		
				344266	ACT 2-10		
		344132	AFC 02-12	344267	ACT 2-12		
		344133	AFC 02-16	344268	ACT 2-16		
		344134	AFC 02-21	344269	ACT 2-20		
			344270	ACT 2-24			
	4-way tap			344278	ACT 4-8		
				344279	ACT 4-10		
		344135	AFC 04-12	344280	ACT 4-12		
		344136	AFC 04-16	344281	ACT 4-16		
				344282	ACT 4-20		
			344283	ACT 4-24			
	6-way tap			344285	ACT 6-12		
		344137	AFC 06-16	344286	ACT 6-16		
				344287	ACT 6-20		
			344288	ACT 6-24			
	8-way tap	344138	AFC 08-16	344289	ACT 8-16		
				344290	ACT 8-20		
				344291	ACT 8-24		



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Our Products are used in homes, businesses and operator networks by broadcasters, satellite, cable and telecom operators.

Our Solutions combine our hardware and software expertise to deliver value to hospitality and related markets, through a partner network of system integrators, large installers and operators.

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03-2025

# TRIAX Taps & Splitters



[TRIAX.com](https://www.triax.com)