

GOLD range – Splitters ACS 2/3/4/6/8

Article No.344242/3/4/6/8



Introduction

The TRIAX "GOLD" Taps and Splitters are used in standard coaxial CATV, SMATV and MATV networks operating with digital DVB-C (QAM), DTT (COFDM) and DAB signals. Zinc die-cast housing with Tin plating and soldered back plate for very high shielding.

Features

- 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)

Technical specifications

Item name				ACS 2		ACS 3		ACS 4		ACS 6		ACS 8	
Item Nr.				344242		344243		344244		344246		344248	
EAN code				5061038084498		5061038084504		5061038084511		5061038084528		5061038084535	
Splitter type				2-way		3-way		4-way		6-way		8-way	
Frequency Range				Unit		Typical							
Insertion loss	IN-OUT	5-40MHz	dB	≤3.6	≤5.8	≤7.0	≤10.0	≤10.5					
		40-470MHz		≤3.6	≤6.0	≤7.5	≤10.2	≤11.5					
		470-860MHz		≤3.8	≤6.2	≤8.0	≤10.5	≤12.0					
		860-1000MHz		≤4.0	≤6.5	≤8.2	≤11.5	≤12.5					
Isolation	OUT-OUT	5-40MHz	dB	≥25	≥22	≥25	≥22	≥25					
		40-470MHz		≥29	≥25	≥25	≥25	≥25					
		470-860MHz		≥28	≥23	≥24	≥23	≥24					
		860-1000MHz		≥25	≥22	≥24	≥22	≥24					
Return loss	IN	5-40MHz	dB	≥20	≥19	≥20	≥20	≥20					
		40-470MHz		≥22	≥20	≥20	≥20	≥20					
		470-860MHz		≥22	≥20	≥20	≥20	≥18					
		860-1000MHz		≥20	≥18	≥20	≥18	≥18					
Return loss	OUT	5-40MHz	dB	≥20	≥15	≥18	≥15	≥18					
		40-470MHz		≥22	≥20	≥20	≥20	≥20					
		470-860MHz		≥22	≥20	≥20	≥20	≥20					
		860-1000MHz		≥20	≥18	≥20	≥18	≥18					
Size H x W x D				mm	52 x 46.5 x 16.2	74 x 49 x 15.4	74 x 49 x 15.4	117 x 59 x 17.5	117 x 59 x 17.5				
Net Weight				gr.	33	45	45	95	110				