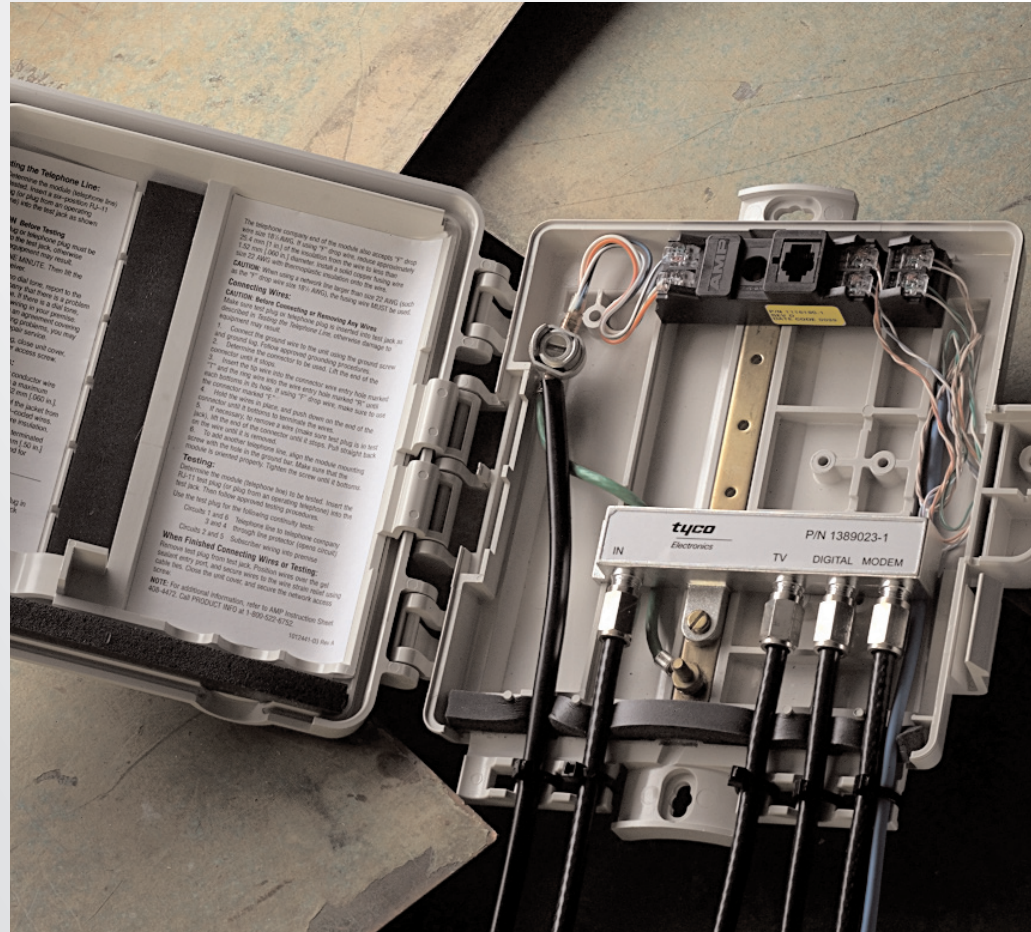


Cable Television Splitter

TELECOM OUTSIDE PLANT

The Tyco Electronics CATV splitter is an add-on accessory for NIDs (network interface device). It is designed to complement the use of a Complete Access Module (CAM), see data sheet #1234546-1. The CATV splitter offers the provider the ability to easily offer TV, Digital, or Modem capability via COAX cable to the end subscriber as well as standard POTS signals through the use of a CAM and standard twisted pair wiring.

The CATV splitter, CAM and Commoning Block provide several termination options. In applications requiring only one CATV line and one POTS Line, one CATV splitter and one CAM is all that is required. With this set up, four home runs can be directed to the CAM. If up to 14 home runs are needed, a CAM and a Commoning Block can be used with the CATV splitter. For more information on the Commoning Block contact your Tyco Electronics' sales representative and request data sheets #1307908.



CATV Splitter

CATV Splitter

Cable Television Splitter

Product Overview

The CATV splitter, CAM and Commoning Block (data sheet #1307908), provide several termination options in the SlimLine NID. In applications requiring only one CATV line and one POTS Line, one CATV splitter and one CAM is all that is required. With this set up, four home runs can be directed to the CAM. If up to 14 home runs are needed, a CAM and a Commoning Block can be used with the CATV splitter. For more information on the Commoning Block or SlimLine NID, contact your Tyco Electronics' sales representative and request data sheets #1307908 and #1308372 respectively.

CATV splitter
Part Number 1389023-1

SlimLine NID with one CATV splitter
Part Number 2-1389020-0

SlimLine NID with one CAM and one CATV splitter
Part Number 2-1389020-1

Other combinations available upon request.



Tyco Electronics' Splitters (Frequency: 5-1000 MHz)

Specification	Frequency (MHz)	Maximum/Minimum	Average	
Insertion Loss (dB max.)	In - Modem and Digital	5-50	5.5	5.3
		50-400	5.6	5.5
		400-500	5.8	5.6
		500-600	6.0	5.8
		600-1000	6.5	6.3
Rejection (dB min)	In - TV	52-100	6.8	6.5
		100-400	6.0	5.8
		400-500	6.0	5.8
		500-600	6.2	6.0
		600-1000	6.8	6.3
Isolation (dB min)	Out - Out	5-40	50	52
		5-50	30	35
		50-400	26	30
		400-500	25	28
		500-600	25	28
Return Loss (dB min)	In	600-1000	25	25
		5-40	22	21
		52-200	20	21
		200-400	20	22
		400-500	20	22
	TV	500-600	20	22
		600-1000	20	21
		52-200	20	21
		200-400	20	22
		400-500	20	22
Modem and Digital	500-600	20	22	
	600-1000	20	21	
	5-50	20	22	
	50-400	20	22	
	400-500	20	22	
RFI (dB min)		5-1000	120	120
Impedance	75			

Tyco Electronics Corporation

Telecom Outside Plant
8000 Purfoy Road
Fuquay-Varina, NC 27526-9349
Tel: 919 557-8900
Fax: 919 557-8498
www.tycoelectronics.com

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