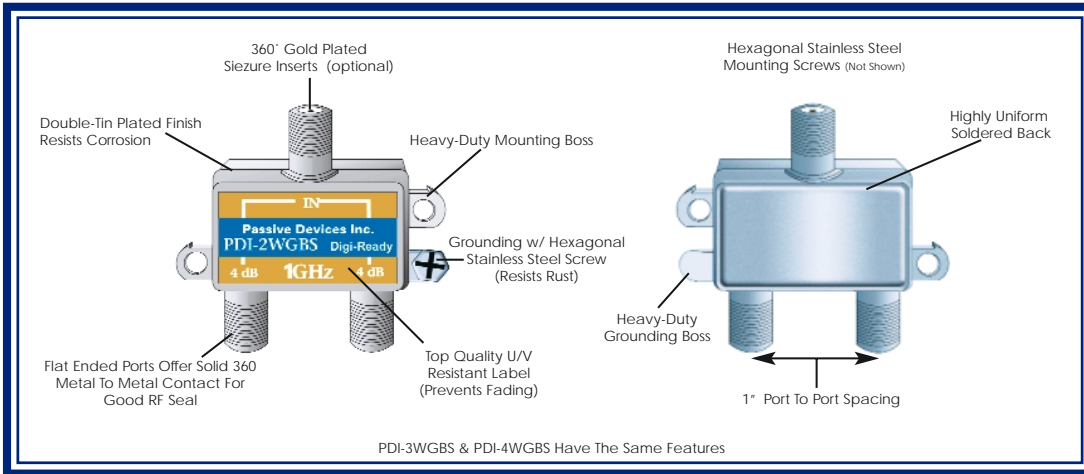


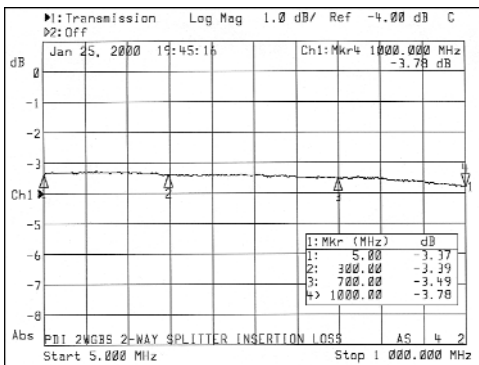
# 1 GHz WGBS Digi-Ready Drop Splitters For Cable and Modem Use

## COMPLIES WITH S.C.T.E., IPS-SP-206 SPLITTER GUIDELINES

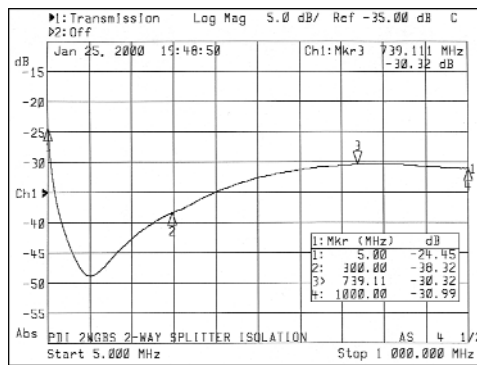


0208

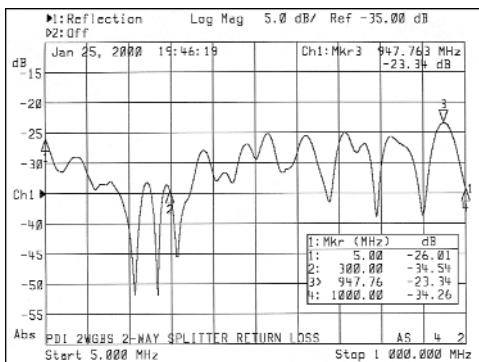
## ELECTRICAL PARAMETERS:



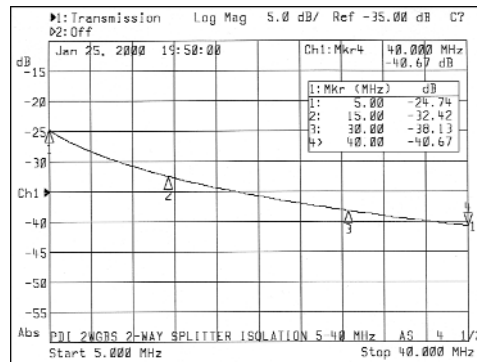
INSERTION LOSS



ISOLATION



RETURN LOSS



ISOLATION 5-40 MHz

Above results are after 5 6KV 100kHz ring wave surges on each port of the splitter.

## FEATURES:

- 6 KV rated
- Effective hum modulation suppression
- Low inter-modulation distortion
- Transient voltage protection
- Greater than 30dB port to port isolation between 15MHz and 40MHz for Modem and Digital Converter applications
- Flat F-ports insure flush connection to port contact for good RF seal
- High siezure holding force
- Heavy duty indoor/outdoor housing with highly corrosion resistant finish for long life
- Stainless steel ground and mounting screws resist rust and remain functional
- All splitter backplates are uniformly solder-sealed to insure maximum RFI integrity
- Compliant with SCTE, IPS-SP-206 splitter guidelines
- OPTIONAL ENHANCEMENT: Specially designed gold plated, 4 prong, 360° center siezure inserts for the highest reliability



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Boca Raton, Florida 33487

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Web Site: <http://www.pdi-efl.com>  
Hablamos Espanol E Falamos Portugues

Toll Free: 1.800.242.1606  
Local: 561.998.0600  
Fax: 561.998.0608

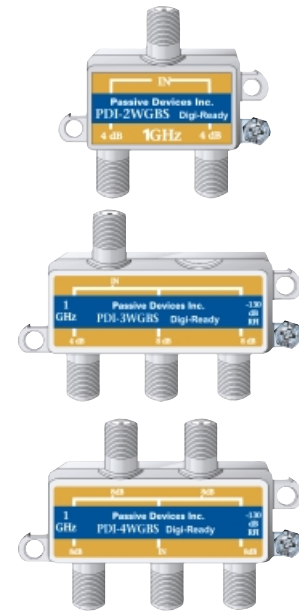
# 1 GHz WGBS Digi-Ready Drop Splitters For Cable and Modem Use

SPECIFICATIONS

HORIZONTAL SPLITTERS		2WGBS	3WGBS	4WGBS
Specification	Freq. (MHz)			
Insertion Loss (dB max)	5-15	3.5	3.5/7.0	7.0
	15-40	3.5	3.5/7.0	7.0
	40-400	3.5	3.5/7.0	7.0
	400-500	3.5	3.6/7.2	7.0
	500-600	3.6	3.7/7.4	7.4
	600-1000	3.95	4.2/8.2	8.2
Return Loss (dB min)	5-15	22	20	20
	15-40	22	20	20
	40-400	22	22	22
	400-500	20	20	20
	500-600	20	20	20
	600-1000	20	20	20
Isolation (dB min)	5-15	22	25	25
	15-40	30	30	30
	40-400	30	30	30
	400-500	25	25	25
	500-600	25	25	25
	600-1000	25	25	25
RFI (dB min)	5-1000	-130	-130	-130
Spurious Signals Including 2nd Harmonics		-60 dBmV with a +55 dBmV input 31 MHz CW carrier on each port		
Surge Protection		Meets IEEE 6KV 100kHz ring wave surge test		
Impedance (ohms)		75		

VERTICAL SPLITTERS		2WGBVS	3WGBVS	4WGBVS	6WGBVS & 8WGBVS
Specification	Freq. (MHz)				
Insertion Loss (dB max)	5-15	3.5	3.5/7.0	7.0	10.5
	15-40	3.5	3.5/7.0	7.0	10.5
	40-400	3.5	3.5/7.0	7.2	10.7
	400-500	3.5	3.5/7.2	7.2	10.7
	500-600	3.7	3.7/7.4	7.4	11
	600-1000	4.0	4.2/8.2	8.2	12
Return Loss (dB min)	5-15	20	20	20	20
	15-40	20	20	20	20
	40-400	22	22	22	22
	400-500	20	20	20	20
	500-600	20	20	20	20
	600-1000	20	20	20	20
Isolation (dB min)	5-15	22	25	25	30
	15-40	30	30	30	30
	40-400	30	30	30	30
	400-500	25	25	25	30
	500-600	25	25	25	30
	600-1000	25	25	25	30
RFI (dB min)	5-1000	-130	-130	-130	-130
Spurious Signals Including 2nd Harmonics		-60 dBmV with a +55 dBmV input 31 MHz CW carrier on each port			
Surge Protection		Meets IEEE 6KV 100kHz ring wave surge test			
Impedance (ohms)		75			

## HORIZONTAL



## VERTICAL

