



# DIGITAL SPLITTERS 1.2GHz

For more Information please call your BDN distributor

The bdn splitters are designed to comply with the highest current standards of the SCTE (Society of Cable Telecommunications Engineers). They support bidirectional digital data and multimedia communications over Dccsis 3.1 QPSK and QAM protocol, in addition to integrating 6kv surge protection.

TECH SPECS						
Item	2 way splitter	3 way splitter	3 way splitter	4 way splitter	6 way splitter	8 way splitter
<b>Insertion Loss</b>	-dB (Max)					
5 MHz - 47 MHz	3,5	3.5/6.9	5,8	6,9	9,3	10,3
48MHz - 450MHz	3,9	3.9/7.3	6,2	7,3	9,6	11.0
451 MHz - 750 MHz	3,9	3.9/7.5	6,5	7,5	9,9	11,5
751 MHz - 1000 MHz	4.0	4.0/8.0	7,0	8,0	11,0	12,5
1000MHz - 1218MHz	4.5	4.3/8.5	7,5	8,6	11,6	13
<b>Isolation Loss</b>	-dB (Min.)					
5 MHz - 47 MHz	22	25	25	25	25	25
48MHz - 450MHz	26	24	25	24	24	24
451 MHz - 750 MHz	23	23	24	23	23	23
751 MHz - 1000 MHz	22	22	22	22	22	22
1000MHz - 1218 MHz	22	22	22	22	22	22
<b>Return Loss (IN/OUT)</b>	-dB (Min.)					
5 MHz - 47 MHz	20	18	18	18	18	18
48MHz - 450MHz	20	20	20	20	20	20
451 MHz - 750 MHz	20	20	20	20	20	20
751 MHz - 1000 MHz	18	18	18	18	18	18
1000MHz - 1218 MHz	18	18	18	18	18	18
<b>General Information</b>						
Impedance	75 Ohms					
RFI Shielding	- 120 dB					
Intermodulation	-100dB					
Test Enviroment:Room Temperature: +25°C						