HILLS ENGINEERED FOR DIGITAL SATELLITE SPLITTERS & DIRECTIONAL COUPLERS

Engineered for Digital Splitters

When it comes to Engineered For Digital installations, the screening factor of all components becomes very important. A high screening factor is one of the many advantages that F Type connectors have over the older screw and saddle style of product. Some other advantages are:

- Far better matching
- High precision
- More reliable connections
- Better environmental protection
- No cable crushing
- Quick & easy installation

Features

- Wideband 5 to 2400 Mhz
- Golden type connector pins
- Zinc Die Cast Hybrid Housing
- Satellite compatible
- Two way System Compatible
- High RF Shielding 80Rfi
- 75 ohm Impedance
- High Return Loss. Better than 20dB.
- Earth Connection

	2 Way	3 Way	4 Way	6 Way	8 Way
Insertion Loss (dB)	4dB	6.5dB	7dB	13dB	13dB
Isolation Loss (dB)	24dB	27dB	27dB	26dB	23dB
Input Return Loss (dB)	15dB	17dB	17dB	13dB	17dB
Output Return Loss (dB)	16dB	16dB	16dB	13dB	17dB

Hills SPF Range (Power Passing One Port)

2 Way Splitter	SAT2SPF	BC15173
3 Way Splitter	SAT3SPF	BC15167
4 Way Splitter	SAT4SPF	BC15470
6 Way Splitter	SAT6SPF	BC15252
8 Way Splitter	SAT8SPF	BC15253

Hills SPPF Range (Power Passing All Ports)

3 Way Splitter	SAT3SPPF	BC15166
4 Way Splitter	SAT4SPPF	BC15484
6 Way Splitter	SAT6SPPF	BC15164
8 Way Splitter	SAT8SPPF	BC15254

HILLS ENGINEERED FOR DIGITAL SATELLITE SPLITTERS & DIRECTIONAL COUPLERS

Engineered for Digital Directional Couplers

Features

- Wideband 5 to 2400 Mhz
- Golden type connector pins
- Zinc Die Cast Hybrid Housing
- Satellite compatible
- Two way System Compatible
- High RF Shielding 80Rfi
- 75 ohm Impedance
- High Return Loss. Better than 20dB.
- Earth Connection

Specifications

	Insertion Loss (dB) typical	Isolation (dB) typical	Return Loss (dB) typical
1 Way Taps			
10-40 MHz	2.0	26	16
40-1000 MHz	2.0	30	17
1000-1750MHz	3.0	26	14
1750-2050MHz	4.0	22	11
2050-2400 MHz	5.0	20	11
2 Way Taps			
10-40 MHz	2	26	16
40-1000 MHz	2	30	17
1000-1750MHz	3	26	14
1750-2050MHz	4	22	11
2050-2400MHz	5.5	20	11
4 Way Taps			
10-40 MHz	4.0	27	11
40-1000 MHz	4.5	27	16
1000-1750MHz	5.0	32	14
1750-2050MHz	5.5	32	16
2050-2400MHz	7.5	20	11
6 Way Taps			
10-40 MHz	10	15	16
40-1000 MHz	10	20	17
1000-1750MHz	11.5	18	14
1750-2050MHz	13	15	11
2050-2400 MHz	13	15	11
8 Way Taps			
10-40 MHz	11.5	20	16
40-1000 MHz	11.5	25	17
1000-1750MHz	14.5	15	14
1750-2050MHz	19.5	15	11
2050-2400 MHz	19.5	15	11

Hills DCW Range

1 Way Taps		
1DCW10FP	10dB	BC15265
1DCW15FP	15dB	BC15266
1DCW20FP	20dB	BC15267
1DCW25FP	25dB	BC15268
1DCW30FP	30dB	BC15269
2 Way Taps		
2DCW10FP	10dB	BC15276
2DCW15FP	15dB	BC15277
2DCW20FP	20dB	BC15486
2DCW25FP	25dB	BC15278
2DCW30FP	30dB	BC15279
4 Way Taps		
4DCW10FP	10dB	BC15288
4DCW15FP	15dB	BC15289
4DCW20FP	20dB	BC15492
4DCW25FP	25dB	BC15290
4DCW30FP	30dB	BC15291
6 Way Taps		
6DCW20FP	20dB	BC15292
6DCW25FP	25dB	BC15293
6DCW30FP	30dB	BC15294
8 Way Taps		
8DCW20FP	20dB	BC15295
8DCW25FP	25dB	BC15296
8DCW30FP	30dB	BC15297