

### Broadband Passive Modules Technical Specifications

(With Step Attenuators)

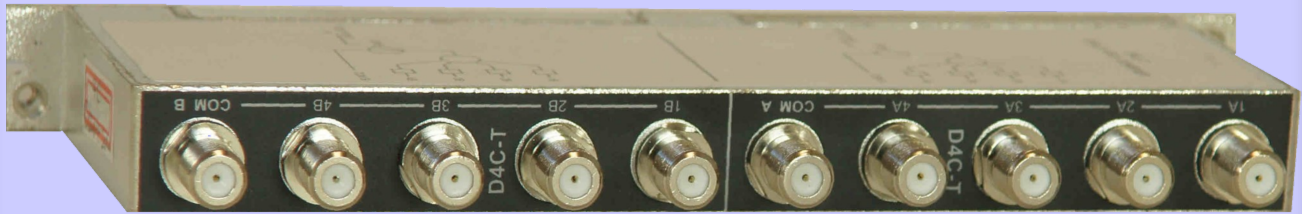
In Table the maximum values shown, typical values are 0.2—0.5 dB better

Model		Frequency				
		5-10MHz	10-50MHz	50-200MHz	200-870MHz	870-1002MHz
Combiner	D2BC-TS	3.7dB	3.5dB	3.6dB	4.3dB	4.6dB
Splitter	D2BS-TS	3.7dB	3.5dB	3.6dB	4.3dB	4.6dB
Combiner	D2BC-TES	4.8dB	4.8dB	4.8dB	4.8dB	5.0dB
Splitter	D2BS-TES	4.8dB	4.8dB	4.8dB	4.8dB	5.0dB
Universal	T2BU-S	3.6dB	3.5dB	3.6dB	3.8dB	4.1dB
Combiner	D4BC-TS	7.3dB	6.9dB	7.1dB	8.1dB	8.5dB
Splitter	D4BS-TS	7.3dB	6.9dB	7.1dB	8.1dB	8.5dB
Combiner	D4C-TES	8.4dB	8.3dB	8.3dB	8.4dB	8.9dB
Splitter	D4S-TES	8.4dB	8.3dB	8.3dB	8.4dB	8.9dB
Universal	D4BU-S	7.1dB	6.6dB	6.9dB	7.5dB	7.9dB
Combiner	S8BC-TS	10.9dB	10.6dB	10.4dB	12.5dB	12.9dB
Splitter	S8BS-TS	10.9dB	10.6dB	10.4dB	12.5dB	12.9dB
Combiner	S8BC-TES	13.4dB	13.1dB	13.1dB	13.1dB	13.3dB
Splitter	S8BS-TES	13.4dB	13.1dB	13.1dB	13.1dB	13.3dB
Universal	S8BU-S	10.2dB	10.0dB	10.2dB	10.9dB	11.7dB

CommDev offers three different type of Step Attenuators according Customer's Request:

1. 0 - 5dB with 0.5dB Step
2. 0 - 7.5dB with 1.5dB Step
3. 0 - 10dB with 2.0dB Step

**CommDev LLC manufactures products designed by engineers for engineers!**



### Return Loss "Common" Port

(Minimum Values Shown, Typical Values are 3-to-5dB Better)

Model	Frequency				
	5-10MHz	10-50MHz	50-200MHz	200-870MHz	870-1002MHz
All Modules	20dB	20dB	20dB	20dB	20dB

### Return Loss all "In" or "Out" Ports

(Minimum Values Shown, Typical Values are 3-to-5dB Better)

Model	Frequency				
	5-10MHz	10-50MHz	50-200MHz	200-870MHz	870-1002MHz
All Modules	20dB	22dB	22dB	22dB	22dB

### Port-to-Port Isolation

(Minimum Values Shown, Typical Values are 3-to-5dB Better)

Model	Frequency				
	5-10MHz	10-50MHz	50-200MHz	200-870MHz	870-1002MHz
All Modules	30dB	30dB	30dB	30dB	30dB

Test Port -20dB ± 0.5dB

Specifications are subject to change without notice.

### HPS "S" Series Passive Module Model # Reference

First	Second	Third	Fourth	Fifth	Sixth	Seventh
"T" Triple	"2" 2-way	"B" Broadband Modular Passives with Frequency band 5-1002MHz	"S" Splitter	"T" Test Port	"E" Equalizer	"S" - Step Attenuators
"D" Dual	"4" 4-way		"C" Combiner	-20 dB±0.5dB		
"S" Single	"8" 8-way		"U" Universal			
"DC" Directional Coupler						

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