Brand: DIGITALCOM -Field half power pass coupler(B series)

Model: FYNWYJ-FZ-B, Apply to RF signal splitting and coupling of HFC network.

Characteristics：

1. Used for field trunk of CATV, good waterproof design.
2. 75Ω, 5/8" -24UNEF KS-F trans-connector available
3. Aluminum alloy die casting shell, anti-corrosion paint-spray.
4. Adapt to 5-1000MHZ.
5. Metal isolation netting, prevention of RF interference, good shield function.
6. Mini design, lightweight and easy to install.

Technical parameters：

2 way coupler FZ208-24B

Item				2 way					
Coupling loss (dB)	Model			08	12	14	16	20	24
	Deviation	5MHz	±1.0	7.2	11.9	14.1	16.5	19.6	22.4
		10MHz	±1.0	6.9	11.5	14.0	16.9	19.7	22.6
		50MHz	±1.0	6.9	11.6	14.1	16.9	19.8	22.9
		750MHz	±1.0	8.0	12.0	14.2	17.2	20.0	23.0
		1000MHz	±1.0	8.6	12.3	14.1	17.2	20.2	23.3
Insertion loss (dB)	5MHz			≤3.7	≤2.2	≤1.6	≤1.2	≤1.2	≤1.2
	10MHz			≤4.9	≤2.2	≤1.6	≤1.2	≤1.1	≤1.1
	50MHz			≤4.0	≤2.2	≤1.6	≤1.2	≤1.1	≤1.1
	750MHz			≤4.3	≤2.8	≤2.1	≤1.7	≤1.6	≤1.6
	1000MHz			≤4.5	≤3.3	≤2.7	≤2.2	≤2.0	≤2.0
Reverse isolation (dB)	5-10MHz			≥22					
	10-1000MHz			≥25					
Mutual isolation (dB)	5-10MHz			≥22					
	10-1000MHz			≥25					
Return loss (dB)	5-10MHz			≥16					
	10-1000MHz			≥16					

4 way coupler FZ410-24B

Item				4 way					
Coupling loss (dB)	Model			10	12	14	16	20	24
	Deviation	5MHz	±1.0	9.7	11.9	14.1	16.5	19.6	22.4
		10MHz	±1.0	9.9	11.5	14.0	16.9	19.7	22.6
		50MHz	±1.0	10.0	11.6	14.1	16.9	19.8	22.9
		750MHz	±1.0	10.3	12.0	14.2	17.2	20.0	23.0
		1000MHz	±1.0	10.8	12.3	14.1	17.2	20.2	23.3
Insertion loss (dB)	5MHz			≤3.7	≤2.2	≤1.6	≤1.2	≤1.2	≤1.2
	10MHz			≤4.9	≤2.2	≤1.6	≤1.2	≤1.1	≤1.1
	50MHz			≤4.0	≤2.2	≤1.6	≤1.2	≤1.1	≤1.1
	750MHz			≤4.3	≤2.8	≤2.1	≤1.7	≤1.6	≤1.6
	1000MHz			≤4.5	≤3.3	≤2.7	≤2.2	≤2.0	≤2.0
Reverse isolation (dB)	5-10MHz			≥22					
	10-1000MHz			≥25					
Mutual isolation (dB)	5-10MHz			≥22					
	10-1000MHz			≥25					
Return loss (dB)	5-10MHz			≥16					
	10-1000MHz			≥16					

8 way coupler FZ814-24B

Item				8 way					
Coupling loss (dB)	Model			14	16	18	20	22	24
	Deviation	5MHz	±0.7	14.1	16.5	17.5	19.6	21.5	22.4
		10MHz	±0.7	14.0	16.9	17.9	19.7	21.6	22.6
		50MHz	±0.7	14.1	16.9	17.9	19.8	21.8	22.9
		750MHz	±1.0	14.2	17.2	18.0	20.0	22.1	23.0
		1000MHz	±1.0	14.1	17.2	18.4	20.2	22.4	23.3
Insertion loss (dB)	5MHz			≤3.7	≤1.2	≤1.2	≤1.2	≤1.2	≤1.2
	10MHz			≤4.9	≤1.2	≤1.1	≤1.1	≤1.1	≤1.1
	50MHz			≤4.0	≤1.2	≤1.1	≤1.1	≤1.1	≤1.1

	750MHz	≤4.3	≤1.7	≤1.6	≤1.6	≤1.6	≤1.6
	1000MHz	≤4.5	≤2.2	≤2.0	≤2.0	≤2.0	≤2.0
Reverse isolation (dB)	5-10MHz	≥22					
	10-1000MHz	≥25					
Mutual isolation (dB)	5-10MHz	≥22					
	10-1000MHz	≥25					
Return loss (dB)	5-10MHz	≥16					