



Brand: DIGITALCOM -Field power pass coupler(C series)

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

Summary:

1. Used for field trunk of CATV, good waterproof design.
2. 75 Ω, 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. All ports adapt to pass power: 6 or 10A AC/DC.
7. Mini design, lightweight and easy to install.

2 way coupler FZ208-24C

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
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		≤4.2	≤2.7	≤2.1	≤1.7	≤1.7	≤1.7
	10MHz		≤4.3	≤2.7	≤2.1	≤1.7	≤1.7	≤1.7
	50MHz		≤4.5	≤2.7	≤2.1	≤1.7	≤1.7	≤1.7
	750MHz		≤4.8	≤3.3	≤2.2	≤2.2	≤2.1	≤2.1
	1000MHz		≤5.0	≤3.8	≤3.2	≤2.7	≤2.5	≤2.5
Reverse isolation (dB)	5-10MHz		≥22					
	10-1000MHz		≥25					
Mutual isolation (dB)	5-10MHz		≥22					
	10-1000MHz		≥25					
Return loss (dB)	5-10MHz		≥16					

3 way coupler FZ310-24C

Item			3 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
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		≤4.1	≤2.7	≤2.1	≤1.7	≤1.7	≤1.7
	10MHz		≤4.2	≤2.7	≤2.1	≤1.7	≤1.7	≤1.7
	50MHz		≤4.5	≤2.7	≤2.1	≤1.7	≤1.7	≤1.7
	750MHz		≤4.8	≤3.3	≤2.2	≤2.2	≤2.1	≤2.1
	1000MHz		≤5.0	≤3.8	≤3.2	≤2.7	≤2.5	≤2.5
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					