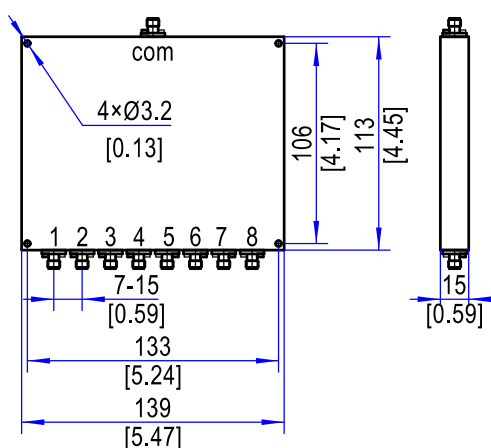


FS8PC4-420-450-S

8-Way Power Combiner, 4W, 420-450MHz, SMA(f)

Electrical Specifications		
1	Frequency Range	420-450MHz
2	Insertion Loss	≤1.2 dB (Excluding theoretical loss 9.03 dB)
3	Isolation	20dB min.
4	Input Port VSWR	≤1.2:1
5	Output Port VSWR	≤1.3:1
6	Phase vs Temperature variation	≤5°
7	Phase Balance	≤±3°
8	Amplitude Balance	≤±0.3dB
9	Average Power as Combiner	4W on each 8 ports 32W on com ports (Design assurance)
10	Peak Power as Combiner	16W on each 8 ports (DC:20%, PW:1.25ms) 130W on each com ports (DC:20%, PW:1.25ms)
11	Impedance	50Ω
Environmental Specifications		
1	Operating Temperature	-45°C~+70°C
Mechanical Specifications		
1	Connectors	SMA-Female
2	Outdoor Application	IP66
3	Protection against corrosion	Corrosion-resistant paint
4	Dimensions ¹	139*113*15mm[5.47*4.45*0.59in]

Outline Drawing (Units: mm/[inch], Tolerance: ±0.3mm)



Note 1: Excluding Connectors