

Power Splitter/Combiner

XQY-PS2-5/1000-NE

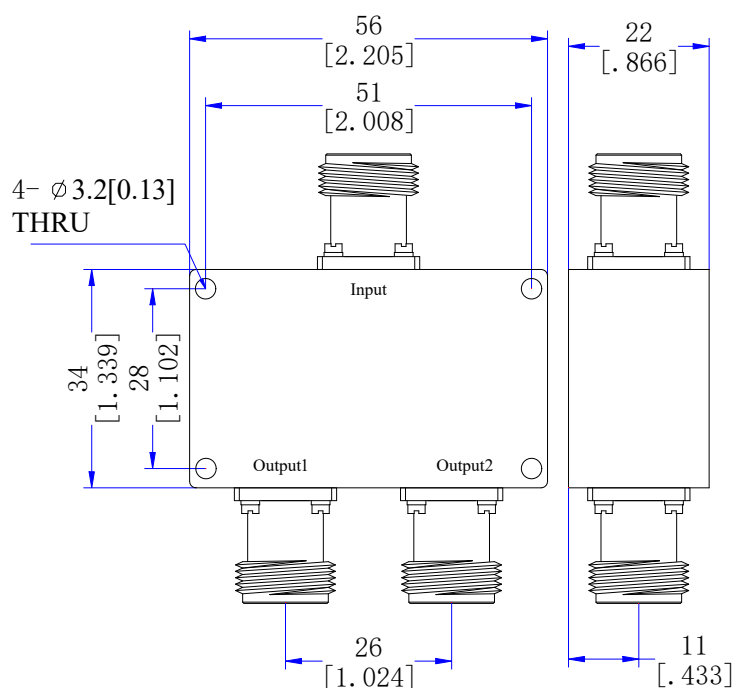
- 2 Way Power Divider
- N-Female
- 5 to 1000 MHz



Electrical Specifications

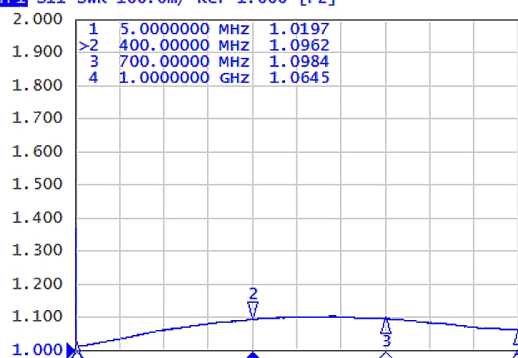
Frequency Range	5-1000 MHz
Insertion Loss	≤ 1.0 dB (Excluding theoretical loss 3.0 dB)
Combined port VSWR	Typ.1.15 / Max.1.25
Distribution port VSWR	Typ.1.12 / Max.1.25
Isolation	Typ.26dB / Min.17dB
Amplitude Balance	≤0.3dB
Phase Balance	±3°
Impedance	50 Ohms
Port Connectors	N-Female
Power Rating	Splitter 1W;Combiner 0.5W
Operation Temperature	-35°C ~ +75°C
Surface Finishing	Sandblasting natural color conductive oxide
Outline Dimensions	56*34*22 (mm)
Weight	145 (g)

Outline Dimensions (mm/inch)



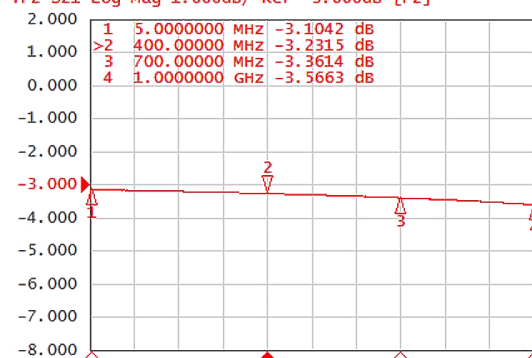
Typical Performance Curves

Tr1 S11 SWR 100.0m/ Ref 1.000 [F2]



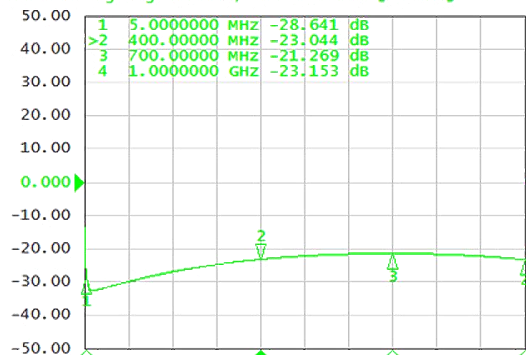
1. Combined Port VSWR

Tr2 S21 Log Mag 1.000dB/ Ref -3.000dB [F2]



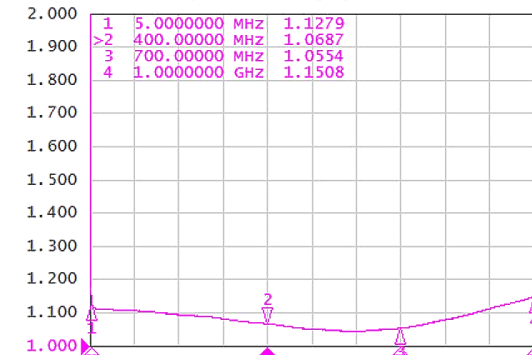
2. Insertion Loss

Tr3 S21 Log Mag 10.00dB/ Ref 0.000dB [F2 Smo]



3. Isolation

Tr4 S22 SWR 100.0m/ Ref 1.000 [F2]



4. Distribution Port VSWR