



XQY-PS3-0.5/6-NE

Electrical

Frequency Range:	500 ~ 6000MHz (0.5~6GHz)
Insertion Loss:	≤ 2.8 dB (excluding theoretical loss of 4.8 dB)
Combined VSWR:	Typ.1.26 / Max.1.40
Distribution VSWR:	Typ.1.18 / Max.1.30
Isolation:	Typ.25dB / Min.18dB
Amplitude Balance:	± 0.8dB
Phase Balance:	±8°
Impedance:	50Ω
Power Rating:	20 W (per channel); 1 W (total)

Mechanical

Connectors:	N-Female
Temperature Range:	-35 ℃ ~ +75 ℃
Outline Dimensions:	130*74*20mm
Weight:	510g
Surface Finishing:	Sandblasting natural color conductive oxide

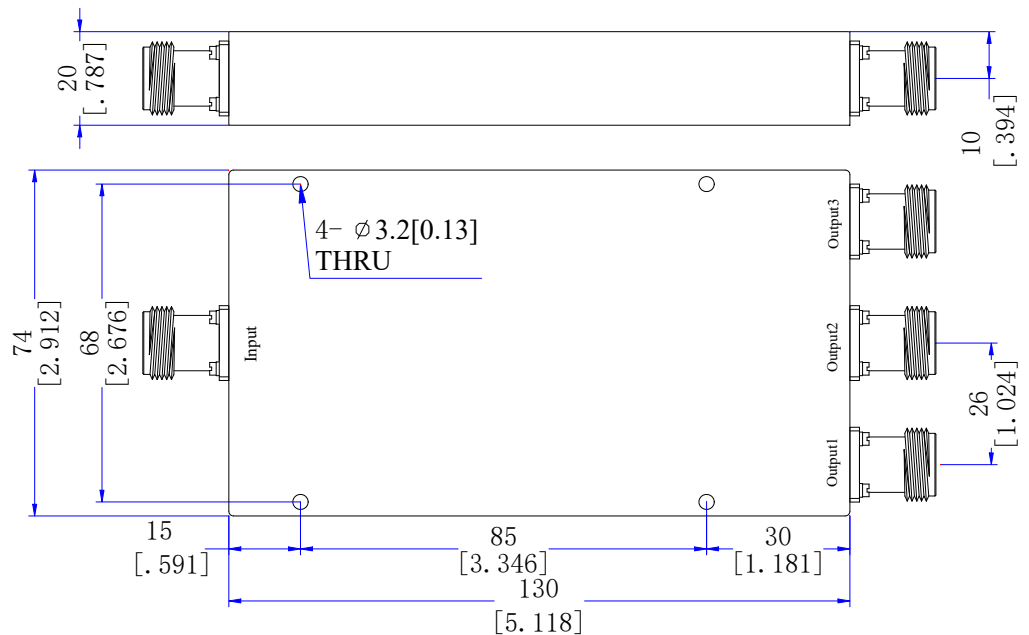
Features

- Microstrip type
- N-type female connector
- 0.5–6 GHz
- 1/3 / 3-IN-1
- Low insertion loss / Low VSWR / High isolation

Application

- Mobile communications
- Satellite radar, electronic countermeasures
- Testing and measurement, and other ultra-wideband applications

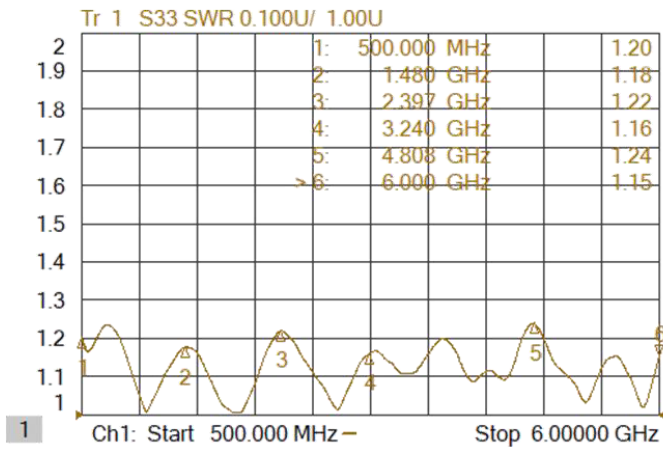
Outline Drawing



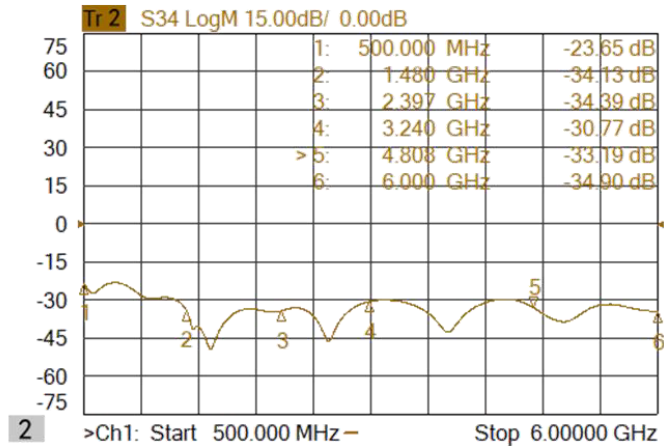
Quality Certification: ISO 9001:2015 Standard
 Military Standard Certification: GJB 9001C-017 Standard
 Connector Interface Standard: IEC 61169-32

Note: Dimensions (mm / [inch]), General tolerance (±0.03)

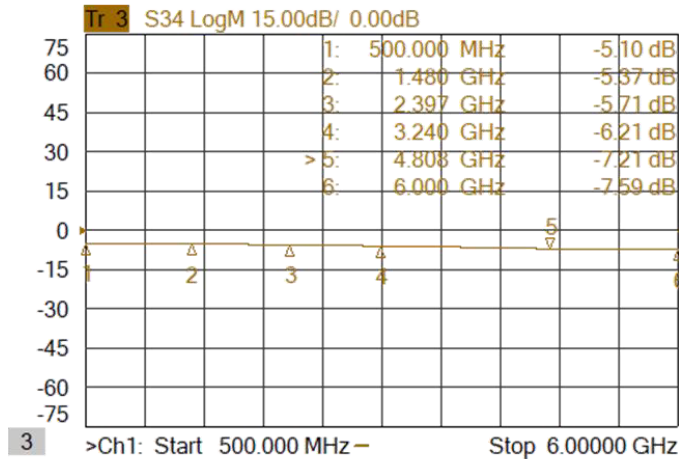
Typical Performance Curves



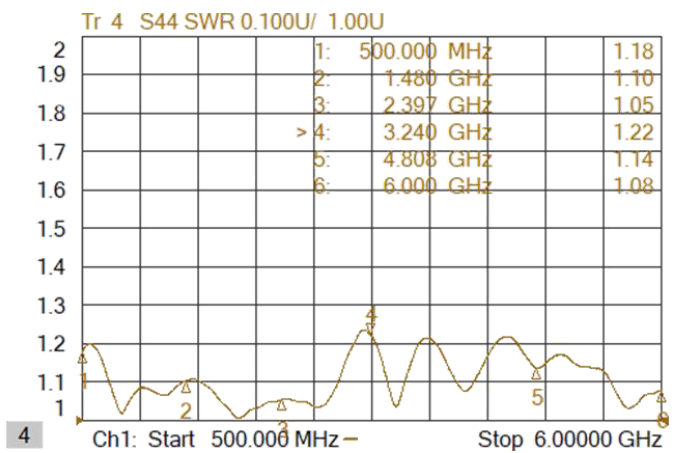
1. Combined Port VSWR



2. Isolation



3. Insertion Loss



4. Distribution Port VSWR