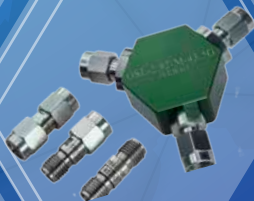


JYEBAO



About JYEBAO

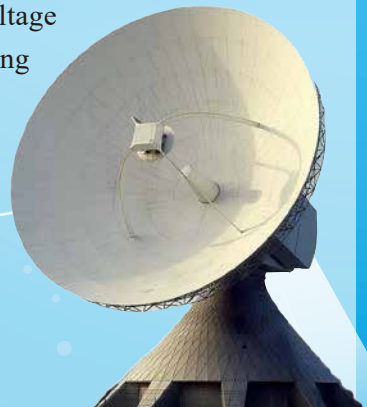
Jyebao, a vertically integrated company, designs and manufactures RF products in house since 1987. Besides its main office Jyebao has three production facilities in Taiwan: an automated electro-plating factory, a CNC machine shop and the main factory where most production is done (raw cable production, cable assembly, additional CNC machining, milling etc...)

Testing capabilities include: VNA testing (3GHz, 40GHz, 50GHz, 70GHz & 120GHz), hermetic testing, low PIM testing, plating thickness testing, salt spray testing, connector durability testing, cable durability testing,...

Jyebao has an extensive range of over 1000 adaptors types and a particular strong offering of straight and right angle precision adaptors up to 110 GHz. Many adaptors are stocked and can be shipped on short notice.

Jyebao manufactures raw cable (low loss, phase stable, semi-rigid, conformable & flexible cable) in house to feed its cable assembly lines. Cable assemblies offered include phase stable, superflexible & standard test cables as well as semi-rigid, conformable & flexible cable assemblies.

Furthermore Jyebao offers passive components (fixed attenuators, DC-blocks, matching pads,...), low voltage products and accessories (torque wrenches, crimping tooling & inserts,...)



Phase & Amplitude Stable Test Cables & VNA Cables

- Tight VSWR up to 70GHz
- Very long flex life
- Excellent amplitude & phase stability over flexure up to 70Ghz
- NMD, right angle, bulhead, 4 hole flange connectors available



Frequency	Phase stability vs bending	Amplitude stability vs bending	Max VSWR	Max IL	Flexure life cycle
18 GHz	$\pm 1.0^\circ$ typ / $\leq \pm 1.5^\circ$	$\pm 0.015\text{dB}$ typ / $\leq \pm 0.03$ dB	1.25:1	$\leq (3.6 \text{ dB/m} \cdot \text{Lm}) + 0.3\text{dB}$	>100000
26.5 GHz	$\pm 1.5^\circ$ typ / $\leq \pm 2.0^\circ$	$\pm 0.02\text{dB}$ typ / $\leq \pm 0.04$ dB	1.25:1	$\leq (4.50\text{dB/m} \cdot \text{Lm}) + 0.4\text{dB}$	
40 GHz	$\pm 2.0^\circ$ typ / $\leq \pm 3.5^\circ$	$\pm 0.03\text{dB}$ typ / $\leq \pm 0.06$ dB	1.3:1	$\leq (5.68\text{dB/m} \cdot \text{Lm}) + 0.5\text{dB}$	
50 GHz	$\pm 3.0^\circ$ typ / $\leq \pm 8^\circ$	$\pm 0.04\text{dB}$ typ / $\leq \pm 0.08$ dB	1.35:1	$\leq (6.40\text{dB/m} \cdot \text{Lm}) + 0.7\text{dB}$	
70 GHz	$\pm 5.0^\circ$ typ / $\leq \pm 10^\circ$	$\pm 0.05\text{dB}$ typ / $\leq \pm 0.10$ dB	1.35:1	$\leq (8\text{dB/m} \cdot \text{Lm}) + 0.8\text{dB}$	



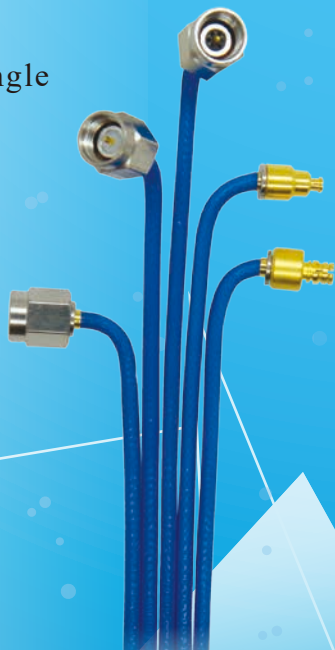
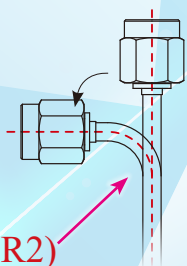
Standard Test Cables

- Good VSWR
- Robust solder clamp designs
- Reliable & repeatable measurements

Mini-radius Assemblies

- Series: 2.92, SMA, SMP, SMPM
- Up to 40GHz
- Triple shielding gives good isolation
- Small bending-radius makes right angle connectors redundant

R0.51(R2)





Cables and Cable Assemblies

- Semi-Rigid
- Conformable
- Flexible



Calibration Components & Kits

- Series: 2.4, 2.92, 3.5, 7, SMA, N & F
- Components: open, load, short, through
- Kits: OSL & OSLT



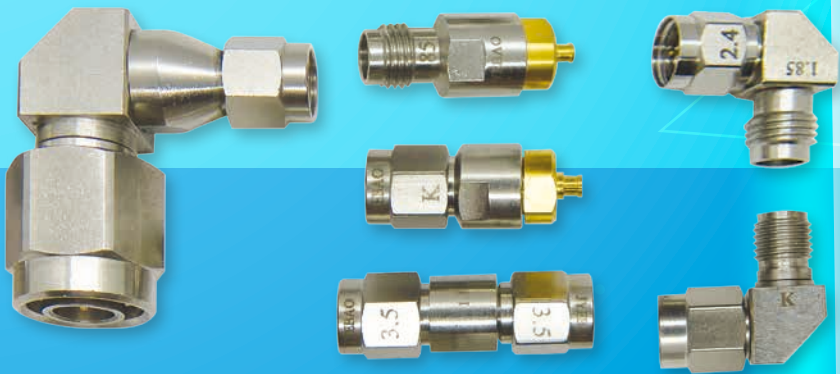
RF Terminations:

- Excellent VSWR up to 67GHz
- 1 watt series: 1.85, 2.4, 2.92, 3.5, SMP & SMPM
- 2 watt series: 7/16, BNC, MMCX, N, SMA, SMC, TNC
- 5, 20 & 60 watt series: 7/16, BNC, N, SMA, TNC
- 100 watt series: N



RF Adaptors

- Series: 1.0, 1.35, 1.85, 2.4, 2.92, 3.5, 7, 4.3-10, BMA, BNC, BNC HDTV, C, F, FBM, FME, HN, IPEX, LC, MCX, MHV, MINI-UHF, MMCX, N, OSMT, QMA, SC, SHV, SMA, SMB, SMC, SMP, SMS, SMPM, SSMA, SSMB, SSMC, TNC, TRB, UHF ...
- Excellent VSWR up to 110GHz for straight & to 67GHz for right angle adaptors. Also 45° angle precision adaptors available.
- Available versions: NMD, hermetic (1×10^{-8} cc/sec at 1atm of helium), low PIM, snap on, radiation resistant, vacuum.
- Over a 1000 standard adaptors



RF Connectors

- Series:1.0, 1.35, 1.85, 2.4, 2.92, 3.5, 4.1-9.5, 4.3-10, 7/16, 10KV, 20KV, BMA, BNC, BNC HDTV, C, F, FME, HN, LC, MCX, MHV, Mini BNC, MMCX, N, QLR, QLA, SMA, SC, SHV, SMA, SMB, SMC, SMP, SMPM, SMS, SSMA, SSMB, SSMC, TNC, TRB, Microdot, UHF, TWUHF...
- Available versions:Field replacable, End launch (solder/solderless), Cable mount, PCB mount, Panel mount, Hermetic (1×10^{-8} cc/sec at 1atm of helium), Radiation resistant, Snap on...
- Over 3000 standard connectors



DC BLOCKS (INNER)



- Within series: 1.85, 2.4, 2.92, SMA, N, TNC, F
- Between Series: BNC-N; BNC-SMA; BNC-TNC; N-SMA; N-TNC; SMA-N; SMA-TNC
- Voltage rating: 50V, 100V, 200V, 500V, 1kV

Matching Pads

- Series: BNC-BNC, BNC-N, BNC, SMA, F-BNC, F-N, F-SMA, F-TNC, N-N, N-SMA
- Spec: 3GHz VSWR1.25



ROTARY JOINTS

- Series: 2.92, N, SMA, TNC
- Excellent VSWR, VSWR-WOW, IL, Phase-WOW



Bias Tee's



DC Bias Passing Attenuators

Dipole Antenna's



Fixed Attenuators

Feedthru Terminations



Low Voltage Adaptor & Cable Assembly Breakout



Phase Trimmers



Power Dividers

Accessories & Tools

- Assembly Tools
- Crimp Tools & Inserts
- Dust Cap
- Field Replaceable Pin
- Insulating Washer
- Retainer Ring Pliers
- Solder Equipment
- Spanner
- Solder Tag
- Taper Sleeve
- Torque wrench...





ISO 9001:2015 & ISO 14001:2015 Registered

Address: 9F., No.651-7, Zhongzheng Rd.,
Xinzhuang Dist., New Taipei City 24257,
Taiwan

Tel: +886-2-2902-9282

Fax: +886-2-2902-9283

E-mail: jyebao@jyebao.com.tw

Website: www.jyebao.com.tw

