

# SYNERGY TELECOM P. LTD.

## Coaxial Connectors

Synergy Telecom designs and manufactures an extensive line of radio frequency (RF) coaxial connectors used in wireless telecommunication applications. Available in straight, right angle, bulkhead, panel mount, and PCB mount configurations. Standard and Reverse Polarity Custom designing available.



**Cross Referencing: Pasternack, AEP, Radial, Midwest, Ma/Com, Omni-Spectra, Amphenol, Johnson, Emerson, Tyco, Kings, Huber Suhnner, and more. Supporting series:**

SMA	MCX	SMC	QMA	2.9MM
N	MMCX	MHV	BMA	3.5MM
BNC	SSMA	SHV	LC	7/16DIN
TNC	SMB	SMP	C	2.4mm
F	UHF	FME	HN	1.85MM

## In Series and between Series RF Adapters

Synergy Telecom fabricates a comprehensive line of in series and between series RF adapters, most of which are RoHS and REACH compliant. Over 10,000 interface combinations are available in 50 Ohm, 75 Ohm, 78 Ohm or 95 Ohm impedance and in standard or reverse polarity. Straight, right angle, radius, bulkhead and panel mount versions are available.



## Fixed Attenuators

Synergy Telecom fabricates fixed attenuators with many popular connectors, power ratings, frequency ranges, and dB values. Available from 1 watt up thru 300 watts, DC up thru 50 GHz, and 1-40 dB values. Standard configuration is male to female. Male to male and female to female also available.

Available in SMA, N, BNC, TNC, SSMA, SMB, QMA, 7/16, 2.4MM, 2.9MM



## Coax Cable Assemblies

Synergy Telecom fabricates a full line of standard and custom coaxial cable assemblies, with over 100,000 connector-to-cable combinations for commercial and military use. From low to high volume. Flexible, Semi-rigid and Hand conformable.



## Directional Couplers

Synergy Telecom directional couplers provide the bandwidth, high directivity and higher power that engineers need for their most demanding application designs. Synergy Telecom directional couplers are available with N or SMA connectors and 6 dB, 10 dB, 20 dB, and 30 dB coupling values. Power ratings of our typical and high power directional couplers range from 25 Watts to 70 Watts. Directional coupler frequencies of 0.5-18GHz are available.



## RF Terminations

Synergy Telecom provides a most comprehensive lineup of terminations and loads. Our terminations cover frequency ranges from DC-40 GHz, and our loads provide power handling ability to 600 Watts.

Available in SMA, BNC, TNC, N, 3.5MM, 2.4 MM, 2.9MM, 716DIN, SMC,SMB, MCX, MMCX



## Power Divider/Combiners

Synergy Telecom offers a comprehensive selection of 2-way through 16-way power divider/combiners in N, SMA, BNC, TNC and 7/16 DIN connector styles for frequencies from 20 MHz to 40 GHz for narrow, octave, dual and multi-octave band applications.



## Impedance Matching Pads

Premier RF's Impedance matching pads are ideal for applications requiring a connection between a 50 Ohm cable and 75 Ohm system. They are available in many male/female in-series and between-series connector configurations including Type N, BNC, SMA, TNC and F.



## Isolators and Circulators

Synergy Telecom provides high quality ferrite Isolators and Circulators for the Space and Defense markets. Our ferrite product line consists of Commercial-Off-The-Shelf and High Reliability manufactured products from 400 MHz - 40 GHz. Available with SMA or N connectors.



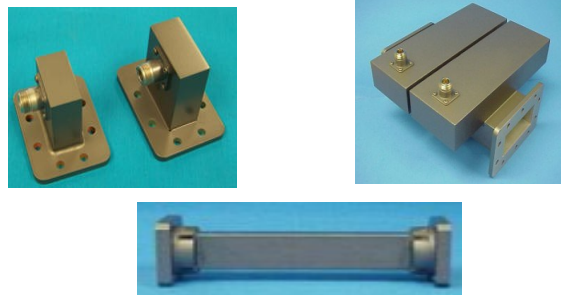
## Coaxial Surge Arrestors

Synergy Telecom surge arrestors are high performance designs which pair excellent RF thru-performance (i.e. low loss) with industry leading Surge ratings for long-lasting and worry-free protection. With arrestors available for any transmission standard (RF Band, RF Power level) or connector Type, including a wide array of standard designs which cover DC to 18GHz, we have solutions for any set of requirements.



## Waveguide Components

Synergy Telecom supplies a wide array of high quality Waveguide Components and Sub-Assemblies for almost any application you can think of. All of our products are built to meet or exceed your stringent specifications.



## **RF, Microwave & Coaxial Components**

- CONNECTORS
- ADAPTERS
- TERMINATIONS
- CABLE ASSEMBLIES
- ATTENUATORS
- DIRECTIONAL COUPLERS
- POWER DIVIDERS
- IMPEDANCE MATCHING PADS
- ISOLATORS & CIRCULATORS
- COAXIAL SURGE ARRESTORS
- WAVEGUIDE COMPONENTS

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