



Exploring the Innovative Features of Mobiyu's Coaxial Cable Assemblies



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Description







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In the realm of RF and Microwave applications, the importance of **high-quality coaxial cable assemblies** can overstated. These crucial components are the lifelines of signal transmission, ensuring the integrity and reliabil communication systems. Today, we delve into the cutting-edge offerings from Mobiyu, a Korean manufacturer for its high-quality and cost-effective coaxial cable assemblies. Let's explore the key specifications and feat of three specific products: the PSC18SL w/Slim Body Connector, the RG405 SMP Long Neck Right Angle Cab assembly, and the PSC18UL Ultra Low Loss Cable.

PSC18SL w/Slim Body Connector

The **PSC18SL** stands out with its slim body connector, designed for applications where space is at a premium. This low loss, phase-stable, and flexible cable is ideal for switch boxes and test equipment with limited or narrow connecting spaces. The narrow connector body neck sets it apart from other phase-stable cables, offering a sleek and efficient solution. Customization options for cable length and connectors further enhance its versatility, making it a top choice for engineers seeking precision and compactness.



	Rey opecifications.
Frequency Range:	DC to 18 GHz
Phase Stability:	10 degrees at 18 GHz
Insertion Loss:	0.381 dB/ft at 18 GHz
Flexibility:	30mm minimum bend radius
Connector:	SMA, slimmer than standard for high-density applications

RG405 SMP Long Neck Right Angle Cable Assembly

Specialized test equipment, such as semiconductor test jigs, demands unique solutions like the **RG405 SMP Long Neck Right Angle Cable**. This assembly features an SMP right-angle connector with a long neck, specifically designed to fit into intricate test setups. Coupled with an extremely flexible (6mm minimum bend radius) double-shielded cable, this assembly can be used in the tightest of spaces. Its precision engineering ensures reliable connectivity in applications where standard connectors fall short.



	Key Specifications:
Frequency Range:	DC to 18 GHz
Phase Stability:	10 degrees at 18 GHz
Insertion Loss:	1.13 dB/ft at 18 GHz
Flexibility:	6mm minimum bend radius
Connector:	SMP Right Angle with Long Neck

PSC18UL Ultra Low Loss Cable

For applications requiring long cable runs without compromising signal integrity, the **PSC18UL** is the go-to solution. This low loss double-shielded cable boasts exceptional phase stability and an impressive attenuation level of just 0.21dB/foot@18GHz. Whether it's for telecommunications, aerospace, or test and measurement setups, the PSC18I ensures that your signals go the distance with minimal loss.

DC to 18 GHz
0.21dB/foot@18GHz
3 degrees @ 18 GHz
30mm minimum bend radius
SMA/N/TNC are standard, ask about other options
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Mobiyuâ€TMs **coaxial cable assemblies** are a testament to the companyâ€TMs commitment to quality, innoval and value. The products listed above each offer distinct advantages for various applications, from space-construction environments to long-distance signal transmission. As the demand for reliable and efficient RF and Microwave solutions continues to grow, Mobiyuâ€TMs products stand ready to meet the challenge, ensuring optimal perform even the most demanding scenarios.

Contact CDI to learn more or request a quotation.

Mobiyu at Component, Distributors, Inc. (CDI)
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Category

- 1. Ewave
- 2. Mobiyu
- 3. RF-Microwave

Date Created

March 13, 2024

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