

Teledyne Announces ‘Ruggedized PeeWee’, the Latest Addition to its Industry-Standard PeeWee Cable Assembly Product Line

New mechanically robust design is the most stringently tested and qualified assembly on the market. Ruggedized PeeWee offers a new ground level voltage rating to supplement its original high altitude rating.

TORRANCE, CA – Dec. 9, 2019 – Teledyne Reynolds, producer of the longtime industry-leading PeeWee high voltage cable assembly, this week unveiled a major new addition to the high voltage product line called **Ruggedized PeeWee, or “PWR”**.

Built on decades of experience developing subminiature, high voltage connectors, the PWR’s new robust design also benefits from Teledyne’s extensive experience designing Space-level products. The new Ruggedized PeeWee line is fully compatible and inter-matable with all push-pull PeeWee assemblies.

With this new product, Teledyne has surpassed all previous industry standards for testing and evaluation to offer customers the highest possible assurances for quality and reliability. The assembly has been tested and validated using multiple samples in 13 distinct performance categories, and customers may request and review the full Ruggedized PeeWee test report prior to procurement.

Like its original counterpart, Ruggedized PeeWee offers the standard 12 kVDC altitude voltage rating, guaranteeing reliable performance in harsh environmental conditions up to 70,000 ft. However, these PWR assemblies also offer a new 18 kVDC rating for ground-based applications up to 10,000 ft., which is especially suitable for medical, instrumentation, and semiconductor field usage.

“Ruggedized PeeWee is the latest major innovation to our PeeWee family, which became an industry standard with over half a million shipped to customers over the past three decades,” said Mark Page, Director of Business Development. “This new PWR delivers unprecedented robust and reliable performance for high altitude applications, but can also now address new ground-based applications with higher voltage requirements. We believe Ruggedized PeeWee will soon become the new standard choice for engineers in our industry.”

Ruggedized PeeWee was developed for applications that require the smallest-size and lightest-weight high voltage connections. By re-engineering the molded strain relief used on each connector, the new PWR assemblies have an optimized strain relief to allow for significantly increased durability.

Variants of the PWR assemblies are being offered with four basic push-pull connector configurations, and four standard wire options to choose from. Customers also have the option of single- or double-ended assemblies and can specify assembly length using a length designator in the part number.

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