



Black Gator® No-Splice Packer Penetrator

Part # PP-KIT



Designed and engineered for high-pressure wells, this rugged-service unit is available in models rated for use up to 7500 psi or 10,000 psi. PFT packer penetrators are fully field attachable and require zero cable splicing and zero space-out assemblies. Simply cut the cable and assemble the unit in minutes. Eliminate downtime incurred for cable-to-cable splices and worry over splices that may fail. Our modular design incorporates the simplicity and flexibility of our Black Gator® Universal Connector, to work with flat or round cable and nearly every ESP cable construction on the market.

FEATURES

- Flat or round cable
- Eliminates costly vertical splices
- Flat armor adapter: no need to transition “flat to round”
- Black anti-corrosive and anti-galling finish
- No potting compound
- Gator Grrip®* crimpless contacts

PEEK™ Insulator

PEEK™ is extremely well suited for all downhole applications. Depending on the material grade, PEEK™ can work continuously at 260° C (500° F). PEEK™, in comparison to molded rubber, does not take a “set” when put into compression nor is it subject to gas penetration. Combined with our oversized copper contacts, PFT Black Gator® connectors combine a longer run life with the ability to re-run components.

Connector Body Parts

Components are carbon steel and meet NACE MR0175 specifications. The black finish provides maximum corrosion protection as well as lubrication for the threaded components. Stainless steel components are also available.

Floating seal and I-Seal™

Reduced assembly time

SPECS

7500 psi (proof tested to 13,500 psi)

5kV (proof tested to 24.5kV)

205A (depending on cable size)

Up to 350° F (175° C) depending on operating requirements and conditions

Gator Grrip®*

This crimpless contact provides maximum conductivity with minimum heat buildup. Conductors do not have to be spread to accommodate a crimping tool, thus eliminating possible damage to the insulation or barrier. There is no “guessing” as to how much crimp force is required or how many crimps are needed. Additionally, as the contacts are not deformed (from the crimp), there are no ridges to sand nor do the conductors need straightening.

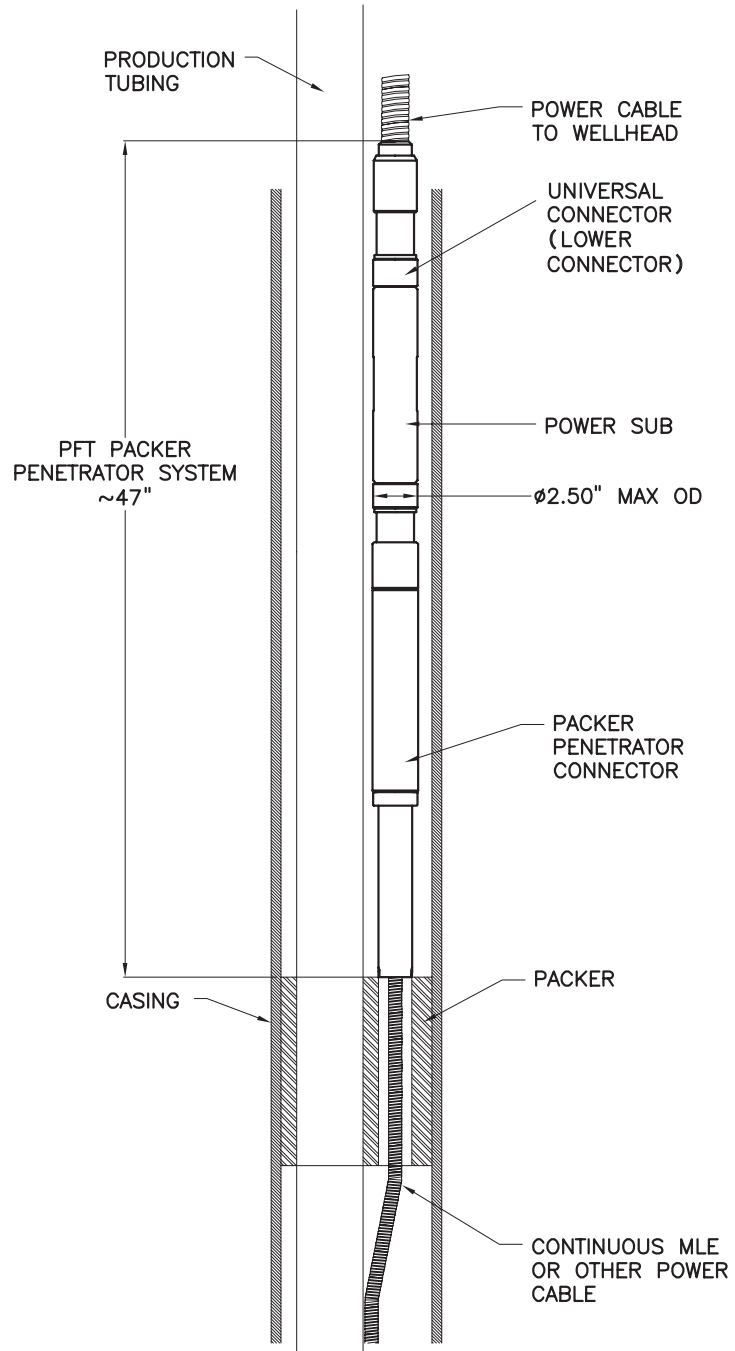
Threads

Risers come standard with 1.9 NU PIN connection to attach to packer. X-over bushings and offset bushings can be supplied to accommodate most any thread profile in the packer.



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Field attachable

#1 – #8 cable, flat or round or combination of flat and round

Ratings: 7500 psi, 5kV, up to 205A*

NACE MR0175 compliant

Proprietary elastomeric seals rated up to 350° F in H₂S and CO₂ service

* Ampacity is cable dependent

All dimensions in inches