



Black Gator® No-Splice Packer Penetrator

Part # PP-KIT



Designed and engineered for high-pressure wells, this rugged-service unit is rated for use up to 7500 psi. It incorporates the simplicity and flexibility of our Black Gator® Universal Connector (also known as our Lower Connector) to work with flat or round cable.

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
- 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

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 MRO 175 specifications. The black finish provides maximum corrosion protection as well as lubrication for the threaded components. Stainless steel components are also available.

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.

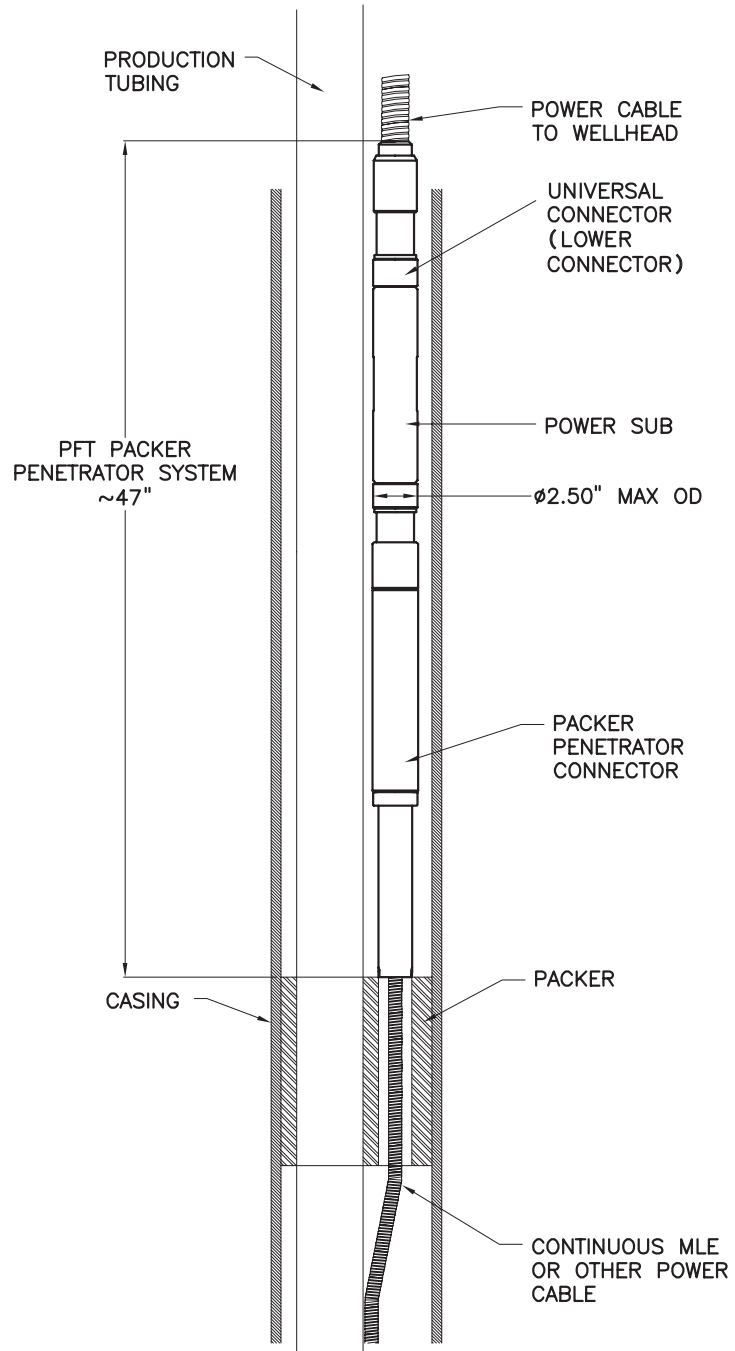
Threads

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 MRO-175 compliant

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

* Ampacity is cable dependent

All dimensions in inches