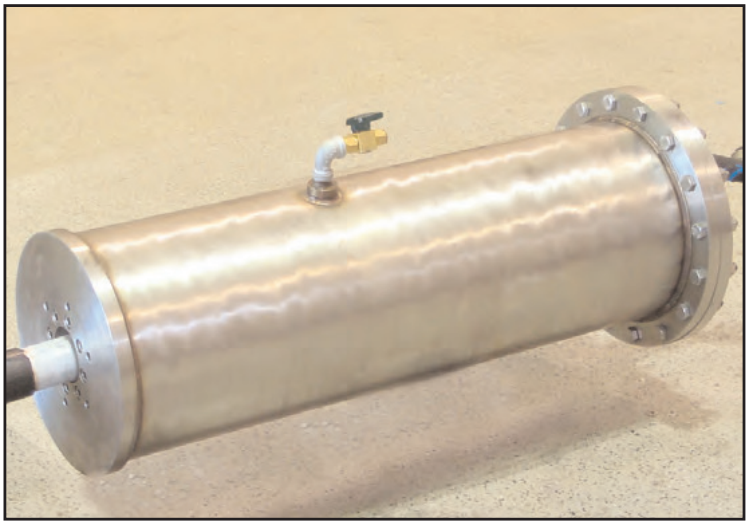
Engineered to Order
Built to Last

Transition Joints
33kV

G&W's TJNT3-33 transition joints are available for 33kV systems for joining gas insulated cable to extruded dielectric cable. G&W has been a leading supplier of innovative underground cable accessory solutions since it was founded in 1905. With installations and sales representation worldwide, G&W continues to offer the latest technology products with world-class, time-proven performance. G&W is ISO 9001: 2000 registered for it's quality systems. G&W offers a wide variety of terminations and joints for all types of cable construction through 500kV.



Stainless steel enclosure tested to 400 psi.

APPLICATIONS

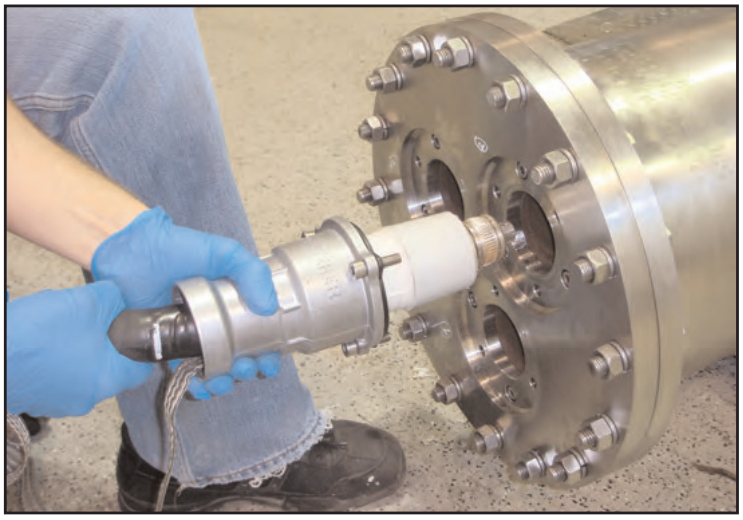
- Provides transition between 3-core gas insulated cable to three single core extruded cables.

FEATURES

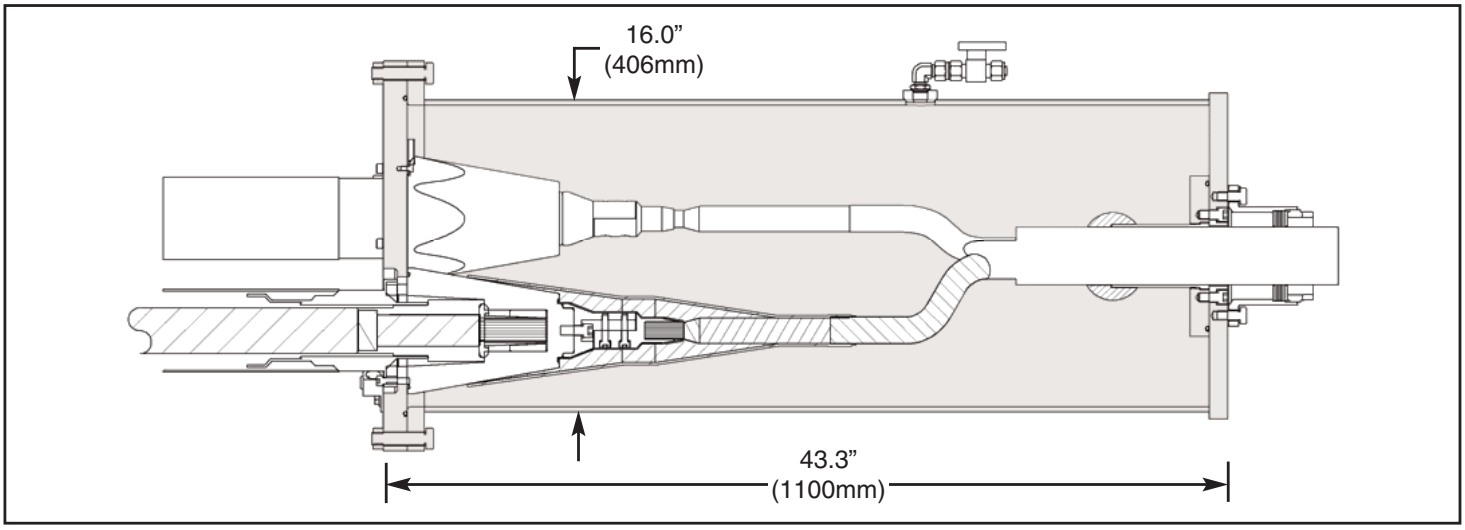
- Three fully shielded tape stress relief cones on gas insulated cable side.
- Dry, plug-in type terminations with premolded stress cones on extruded cable side.
- Epoxy insulators for plug-in terminations on extruded cable side
- Stainless steel enclosure, pressure tested to 400psi.

BENEFITS

- Shorter design that requires less space than competitive designs.
- Option of terminating gas insulated cable first and connecting extruded cables at a later time.



Plug-in terminations on extruded dielectric cable side.



33kV

CATALOG NUMBER

Use the chart below to build your G&W catalog number. This number should be used for all inquiries and quote requests. In addition, the following cable information is required to process your order:

1. Conductor size and O.D. of conductor (nominal and max)
2. Insulation O.D. (min and max)
3. Insulation shield O.D. (min and max)
4. Jacket O.D. (nominal and max)
5. Cable construction details with metallic screen type and fault current rating

TJNT3-33 - HP - 350M C - N - 750K C - B - F

(1) (2) (3) (4) (5) (6) (7) (8) (9)

(1) System Voltage

Rated Voltage kV	BIL (kV)	Code
33	150	**TJNT3-33**

(2) Gas Insulated Cable Pressure Rating

Cable Type	Nominal Pressure Rating (Max.)	Code
High pressure gas insulated	200 psi	**HP**

(3) Gas Insulated Cable Conductor Size

Cable Cond. Size kcmil	Code	Cable Cond. Size mm²	Code
250	250K	240	**240M**
500	500K	350	**350M**
750	750K	400	**400M**
1000	1000K	500	**500M**

(4) Gas Insulated Cable Conductor Material

Material	Code
Copper	**C**
Aluminum	**A**

(5) Gas Insulated Cable Shield Break Option

Description	Code
With Shield Break*	**B**
Without Shield Break	**N**

**Requires fiberglass housing with compound (Code F in Additional Housing Protection)*

(6) Extruded Cable Conductor Size

Extruded Cable Cond. Size kcmil	Code	Extruded Cable Cond. Size mm²	Code
250	250K	240	**240M**
500	500K	300	**300M**
750	750K	400	**400M**
1000	1000K	500	**500M**
1250	1250K	630	**630M**

(7) Extruded Cable Conductor Material

Material	Code
Copper	**C**
Aluminum	**A**

(8) Extruded Cable Shield Break Option

Description	Code
With Shield Break	**B**
Without Shield Break	**N**

(9) Additional Housing Protection

Description	Code
None	**X**
Fiberglass Housing with Compound	**F**

EXAMPLE:

TJNT3-33-HP-350MC-N-750KC-B-F

33kV transition joint for connecting 3-core, 350mm², high pressure gas insulated copper cable to 750kcmil extruded dielectric cable. Shield break required on extruded cable side. Joint is to be supplied with fiberglass housing and filling compound.