

Typical configuration for a lattice tower

SkyWrap® In-line Joint—Phase Wire

Specially designed system for providing electrical isolation and mechanical support for joining the SkyWrap cable along the phase conductor via a tower mounted joint enclosure.

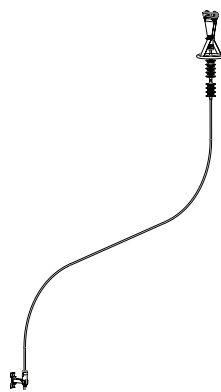
The system includes two Phase-to-Ground transitions that attach to the phase conductor and the steel, wood or concrete support structure providing corona discharge protection.

A cable joint enclosure is used to provide a tower mounted joint for the continued SkyWrap fiber optic cable connection.

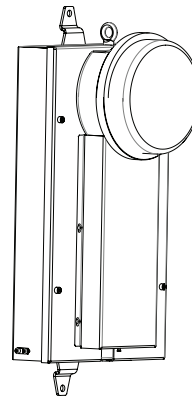
Features

- Optimum corona discharge protection
- Track resistance for high voltage or polluted environments
- Suitable up to 300 kV system voltage (173 kV Phase-to-Ground)
- Range of designs to suit environmental conditions
- PTG complies with IEC 60 and IEC 1109 standards
- All tower fittings are available for a range of tower or pole designs
- Available for up to 192 fibers

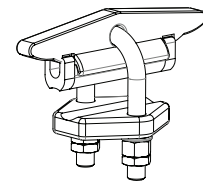
Key components



Phase-to-Ground insulator



Tower mounted joint enclosure



Cable clamp with nylon insert

Ordering Information

	TOWER HEIGHT feet (m)			STRUCTURE TYPE			CONDUCTOR SIZE inches (mm)			FIBER COUNT
	< 82 (< 25)	< 115 (< 35)	< 197 (< 60)	Lattice Tower	Steel/Concrete Pole	Wood Pole	0.354-0.866 (9-22)	0.787-1.221 (20-31)	1.181-1.693 (30-43)	
TCD	L	M	H	912	916	920	A	B	C	nnF

Example: TCD-L916B48F

Qualifications

GOVERNING BODY	STANDARD CODE
BS EN	50411-3-2002
IEEE	1591.3-2011