

SkyWrap® Termination Joint—Phase Wire

Specially designed system for providing electrical isolation and mechanical support to transition the SkyWrap cable from the phase conductor to a tower mounted splice enclosure.

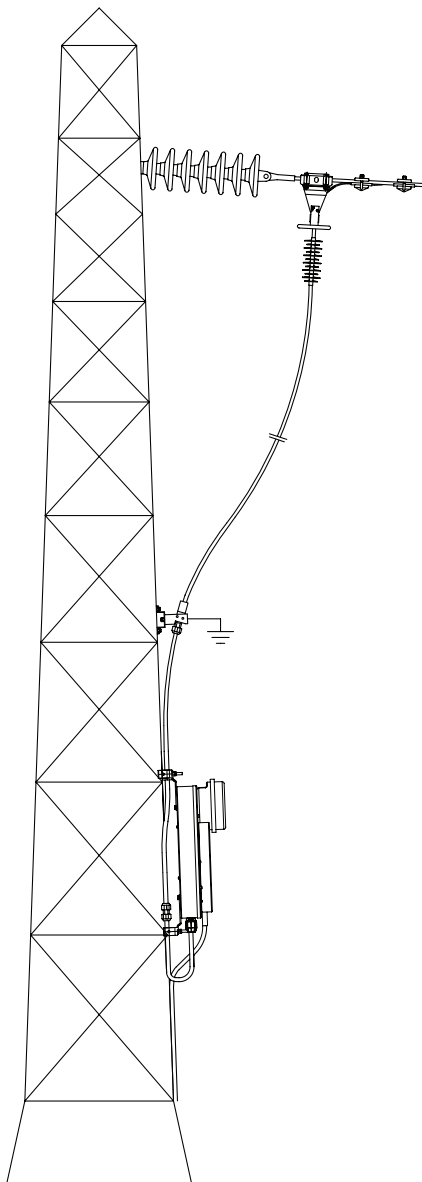
The system includes a Phase-to-Ground transition that attaches to the phase conductor and the steel, wood or concrete support structure providing corona discharge protection.

A termination joint enclosure is used to provide a link between the SkyWrap cable and the continued fiber optic cable connection, including options for OPGW, ADSS or underground fiber optic cables.

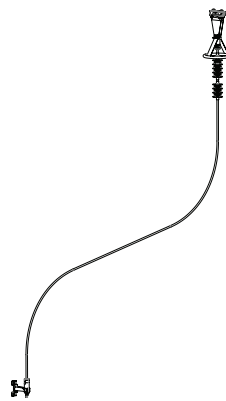
Features

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

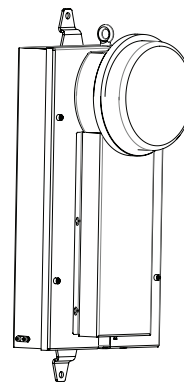
Key components



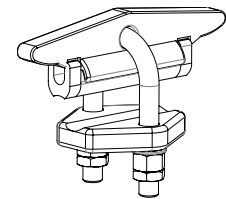
Typical configuration for a lattice tower



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	913	917	921	A	B	C	nnF

Example: TCD-L921B48F

Qualifications

GOVERNING BODY	STANDARD CODES	COMPONENT
IEC	60 and 1109	Phase-to-Ground
BS EN	50411-3-2002	
IEEE	1591.3-2011	