



PREFORMED LINE PRODUCTS


Anti-Climbing Devices for use with Transmission Towers

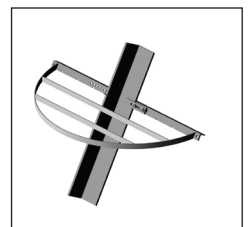


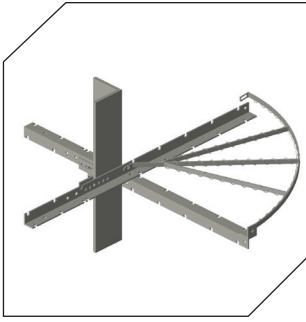
 COMMUNICATIONS

 ENERGY

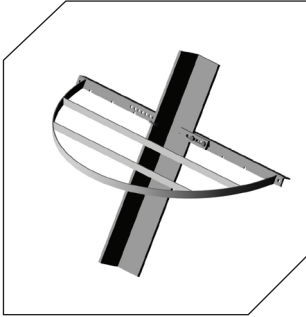
 SPECIAL INDUSTRIES

 SOLAR





Gated End – All around design



Half-moon Assembly – Wide based tower

PLP Transmission Products Anti-Climbing Device for Transmission Towers

Description

Preformed Line Products' (GB) is offering two types of safety devices for all tower types.

Type A (All-Round Design) and Type B (Single-Leg Design) for wider based towers, or a combination of both for enhanced towers.

The products are fully compliant with this specification and designed to accommodate varying leg angle sizes.

Specifications

Many different designs of tower exist for 132kV, 275kV and 400kV transmission towers, with standardization becoming more focused. Notwithstanding this fact, Anti-Climbing Devices (ACDs) for replacement and new build towers must now comply with Energy Networks Association Technical Specification 43/90 Issue 6.

For 275kV and 400kV towers, the comprehensive NG specification for Anti-Climbing Devices NGTS 3.4.27 introduced in 2002 and re-issued in 2010 is now universal.

Type A – All around design

The corner gates are now supplied pre-wrapped. This ensures consistently neat wrapping and is the start of accomplishing effective tower protection.

The ACDs are normally supplied in tower sets of four corner gates with two opening and two non-opening. With the Spacer Bars being ordered separately depending on numbers required per tower.

These are typically used on all standard NG Towers.

Parts Table – Type A and Type B

Preformed Line Products (GB) sell the Full assembly (parts beginning with ACDF) or individual assemblies (parts beginning with ACDA) for your small replacement projects.

Type B – Wider based towers

Wider Based Towers use the Half Moon Assembly to attach to individual legs. It uses different clamps as attachment points and utilizes hook bolts to clamp around the tower leg.

They also use different supporting angles to ensure the correct gap spacings, and the spacer bars are shorter too.

These are typically used on L6 Towers.



PREFORMED
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Categories of Requirements	
T1	Outrigger brackets wrapped in barbed wire. Either wrapped around individual legs or the tower body.
T2	As T1 but with barbed wire wrapped at all support angles and end frames.
T3	Two levels of outrigger brackets and barbed wire.

Anti-Climbing Devices		
PLP Catalog Number	Description	Quantity per Tower
ACDA 20002	Notched Clamp + Bolt Assembly	8
ACDA 20003	Spacer Bar Hook Assembly	As requested
ACDA 20004	Gated end	As requested
ACDB 30001	Barbed Wire	As requested
ACDF 40001	Full Assembly Single Gated end	1
ACDF 40002	Full Assembly Twin Gated end	1
ACDF 40003	Half Moon Assembly	1
ACDF 40004	Full Assembly Quad Gated end	1
ACDF 40005	Full Assembly Triple Gated end	1