

## PROVIDES MAXIMUM PERSONAL FALL PROTECTION WHILST ASCENDING OR DESCENDING A LADDER

### Lad-Saf® Flexible Cable System

- Ideal for ascending and descending from all vertical applications including permanent ladders, power poles, electrical towers and chimneys



- Designed for restrained fall arrest
- Unique Lad-Saf® sleeve prevents falls by locking onto the cable. It is easily attached or removed anywhere along the cable using a deliberate double action locking mechanism and automatically follows as you climb or descend.
- Dual function top bracket features an elastomeric impact attenuator and a unique cable gripping device.
- Non-metallic cable guides reduce cable wear, permitting you to ascend or descend unhindered.
- Easy tensioning bottom bracket features a simple and quick to use adjusting mechanism whilst the washer system indicates that correct tension has been reached.
- Replaceable components
- Systems available in either bolt on or weld on styles, constructed from either galvanised mild steel or stainless steel.
- Meets or exceeds all applicable industry standards

**Ladder Safety System** DBI-SALA's Lad-Saf® flexible cable ladder safety systems assure complete safety and security when climbing fixed ladders on poles, towers, tanks, etc. providing greater safety and security than conventional ladder cages. Recognised world-wide as the best ladder safety system, Lad-Saf's® flexible cable system offers fall protection when climbing a fixed ladder, allowing users to ascend or descend unrestricted. Every system is engineered to your specific requirements to suit permanent ladders of any length.

#### Locked on for Hands-free Movement

The Lad-Saf® system is designed to provide maximum personal fall protection and unhindered movement whilst ascending or descending a ladder. When used in conjunction with the unique swivelling Lad-Saf® sleeve it provides hands-free operation whilst limiting free falls to a maximum of 600mm.

**Fast and Efficient Installation** A 10mm galvanised or stainless steel cable is secured along the length of the ladder with a termination bracket at the bottom and a shock absorber at the top. A spanner is then used to tighten the wire to the correct operating tension using a shear washer - no torque wrenches are required. To prevent vibration and wind noise, intermediate cable guides are fixed at approximately 8 metre intervals along the ladder. The Lad-Saf® sleeve is then attached to the cable using two deliberate actions. The operator is protected once they attach the Lad-Saf® sleeve to their full body harness with a frontal fall arrest D-ring, using a karabiner.

**Ease-of-use and Versatility** Designed for ease of use, economy and versatility, you can bolt or weld the system, choose rung clamp sizes/styles, choose systems for straight or curved ladders and for connection to wood, concrete or steel structures.



Z4A-L3330 Lad-Saf®  
with shock absorber

6116502 Lad-Saf® with  
R-105-S Karabiner

### Lad-Saf® Flexible Cable Systems:

- LS-B:** Lad-Saf® Kit - Bolt on system, galvanised steel
- LS-B-SS:** Lad-Saf® Kit - Bolt on system, stainless steel
- LS-W:** Lad-Saf® Kit - Weld on system, galvanised steel
- LS-W-SS:** Lad-Saf® Kit - Weld on system, stainless steel
- Z4A-L3330:** Lad-Saf® Sleeve with shock absorber
- 6116502:** Lad-Saf® Sleeve with R-105-S Karabiner

**\*Note:** Cable and cable guides ordered separately. Cable guides required on average every 8.0m (approx), different cable guides are available for diverse applications.

#### Specifications:

##### LS-B and LS-W:

**Cable:** Galvanised, 10mm diameter, 1/19 or 1/7 construction, minimum breaking strength - 68kN. **Top Bracket:** Galvanised steel. **Shock Absorber:** Urethane. **Rain Cap:** Polyethylene. **Cable Clamp:** Alloy. **Bottom Bracket:** Galvanised steel. **Tension Rod:** Galvanised steel. **Tension Indicator Washer:** Aluminium.

##### LS-B-SS and LS-W-SS:

**Cable:** Stainless steel grade 316, 10mm diameter, 7/19 construction, minimum breaking strength - 64kN. **Top Bracket:** Stainless steel. **Shock Absorber:** Urethane. **Rain Cap:** Polyethylene. **Cable Clamp:** Stainless steel. **Bottom Bracket:** Stainless steel. **Tension Rod:** Stainless steel. **Tension Indicator Washer:** Aluminium.

**Z4A-L3330 & 6116502:** Stainless steel, weight - 700g, karabiner; R-105-S, alloy steel, minimum breaking strength - 22kN.

#### Performance Specifications:

**Capacity:** Rated for 4 persons, maximum 2 persons allowed under AS/NZS 1891.3. **Compatibility:** DBI-SALA Lad-Saf® kits are designed for use with DBI-SALA approved components and systems, or as recommended by a competent person, **Standards:** AS/NZS 1891 **Country of Origin:** United States. **Special Instructions/Conditions of Use:** Reading user instruction manual prior to use is essential. Annual inspection and re-certification is required as per AS/NZS 1891.4.2000.

#### Capital Safety:

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