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LWS Lanyard Wire Support®

# LWS SYSTEM

*R&D Technology's LWS System approach offering ultimate flexibility & options*



**Flame Retardant**
to AS/NZS 60695.2.12:2001

**Anti-static**
to AS/NZS 60079-0;2012

**Self Lubricating Material**

**Corrosion Resistant**

**UV stable**

## TYPICAL APPLICATIONS

### UNDERGROUND COMMUNICATIONS

LWS11 NEW



13mm Blue Leaky Feeder Cable

### NON-TENSION SIGNAL LINE

LWS11 NEW



10mm Red Pull Cable

### TENSION SYSTEM

LWS



5mm PUR SS Lanyard Pull wire

# FEATURES & SPEC'S

## 10mm Internal Thread



## Self Lubricating Material



## Injection Moulded



## Date Stamped



## LWS Design

Designed to allow lanyard wire or pull cable, to be clipped into the LWS. Once installed, the lanyard cannot be removed without intentional intervention of maintenance staff.




## LWS Material

Self lubricating material & longer bearing length of the LWS carrier allows conventional PVC coated lanyard wire or pull cable to slide freely. This greatly improves the efficiency of the system and ensures compliance with AS1755 while also extending the life of the lanyard.

All threaded rods, nuts and washers are either stainless steel or galvanised for longer life. Standard lengths available are 100, 150, 200, 250 & 300mm from the centre of the wire carrier to the end of the threaded rod. Each unit is supplied fitted with two nuts, a spring washer and a flat washer to assist installation. Bolts are offered to allow direct mounting to the conveyor structure. Bolt lengths are 20mm to 35mm supplied in 304 Stainless Steel complete with flat & spring washers.

The LWS wire carrier is injection moulded. Moulded re-enforcement of the wire carrier and the engineered overhanging tongue allow the LWS to be mounted in any orientation without allowing the lanyard to become displaced.

The threaded rod has no imperfections and with the nuts and washers fitted, the installer can be assured of correct installation and adjustment.

**Wire Carrier:** Made from a flame retardant copolymer polypropylene compound providing good impact strength, rigidity and UV stability.

**Threaded Rod:** Galvanised 10mm machine rod or 304 stainless steel are standard. Extended length rods are available at additional cost.

## Flame Retardant / UV Stable / Anti-Static

The LWS is made from a flame retardant copolymer polypropylene compound which is UV stabilized for extended outdoor weathering and is commonly used in outside applications such as stadium seating and outdoor electrical enclosures. The compound has been developed to meet the requirements of the UL 94 V-2 rating and the AS/NZS 60695.2.12:2001 (960$^0$C glow wire test) whilst providing good impact strength and rigidity.

The LWS is designed to be mounted via metal bolts or rods to conveyor structures. The LWS is also date stamped to provide whole of life traceability.

NEW



## LWS11

The recent addition to the LWS system is LWS11. The LWS11 is to suit larger signal line cables for non-tension systems. the larger opening on the LWS11 allows cables of 13mm nominal diameter to be installed.



# MOUNTING OPTIONS




**LWS (head only)**

**LWS-HEAD**




**LWS11 (head only)**

**LWS-HEAD-11**

Lanyard Wire Support®

## LWS with Bolt



**LWS-20-10-BOL**

- **BOL** (Stainless Steel Bolt)
- Thread Size (mm)
- Bolt Length (mm) *other sizes available on request
- **LWS** (standard head) or **LWS11** (suits large signal line cable)

## LWS with Threaded Rod



**LWS-150-10-GAL**

- **GAL** (Galvanised) **304SS** (304 Stainless) **316SS** (316 Stainless)
- Thread Size (mm)
- Length (mm) From centre of carrier to end of rod. 100, 150, 200, 250, 300 *other sizes available on request
- **LWS** (standard head) or **LWS11** (suits large signal line cable)

## LWS with Extension Bar



**LWS-400-40-GAL**

- **GAL** (Galvanised) **SS** (Stainless Steel)
- Channel Width (mm)
- Channel Length (mm) *customer specified
- **LWS** (standard head) or **LWS11** (suits large signal line cable)

## Conveyor Frame Bracket



The LWS Conveyor Frame Bracket has been developed to assist in mounting our LWS Lanyard Wire Supports to the framework of a conveyor (where no 10mm holes are available or cannot be drilled). This provides a quick & easy attachment system for the LWS. The LWS Conveyor Frame Brackets will suit frame sections up to 130mm square.

**Order info: RDTCONBRKT** (Bracket Only)



## LWS with Bracket

Custom brackets are available on request

**Receive a Bonus 15L Bucket for every standard pack quantity that are ordered**

LWS
Lanyard Wire Support®

## Optional Accessories

**Visual indicators such as reflectors and signs are available on request.**




**Emergency Stop Pullwire Labels in standard or reflective**




**Emergency Stop Sign**
**LWS-STG01010100**



**Stainless Steel PullWire**
**BLS-00000017900**

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