



# Detection System Cable Assemblies (Clamplock)

## Applications

Designed for use on detection circuits for various types of points switching mechanisms and other systems.

- Clamplock detector: Catered for with the 4 core, 2.5mm<sup>2</sup> C2 type leads
- 12 Core Signalling Systems: Catered for with 12 core, 2.5mm<sup>2</sup> C2 type leads
- Level Crossing Treadle Leads: Catered for with the 7 core, 2.5mm<sup>2</sup> C2 type leads and 6 core CT451 cable (when supplied with SILEC connector)

## Features and Benefits

The Flexo® detection system cable assemblies offer a fast fit, pre-terminated connection for trackside detection systems (such as clamplock point detectors). With factory moulded palms at one or both ends of the cable the key benefits are speed, reliability and high quality. Nickel plated brass eyelets are terminated to each core and encapsulated in neoprene. This ensures good electrical connection and resistance to corrosion. The neoprene moulding is fully vulcanised to the cable sheath providing a waterproof seal with excellent strain relief. The excellent inherent flexibility enables mouldings to pass through restrictions such as glands. They have excellent resistance to vibration degradation and are available in low smoke, zero halogen option.

## Specification and approvals

The detection System Cable assemblies comply with the design and performance requirements of Network Rail specification BR1974 (where applicable).

Cables: • C2 cables comply RT/E/PS/00005 • Cables supplied with SILEC connectors comply with CT451 (France).

## Technical Data

CLAMPLOCK DETECTOR LEAD								
Description	Conductor CSA (mm <sup>2</sup> )	Cable Type	Strands (Qty/CSA)	Cable Colour	Cores	Length (m)	Prysmian Part No.	PADS Cat. Number
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	2.3	W22990301	088/002444
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	3.3	W22990402	088/002445
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	4.2	W22990403	088/002446
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	7.8	W22990806	088/002454
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	10.0	W22991007	088/002456
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	12.0	W22991211	-
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	15.0	W22991508	088/002455
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	25.0	W22992512	-
SIGNALLING CABLE WITH MOULDED TERMINATION								
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	12	5	W22950501	088/002443
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	12	10	W22951002	088/002442
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	12	15	W22951503	088/002441
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	12	20	W22952004	088/002440
LEVEL CROSSING TREADLE LEADS								
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	7	3	W22970301	088/044108
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	7	4.5	W22970502	088/044109
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	7	6.5	W22970703	088/044110
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	7	8	W22970804	088/044111
With SILEC Connector	1	-	-	Black	6	3	W22980302	086/044104
With SILEC Connector	1	-	-	Black	6	4.5	W22980503	086/044105
With SILEC Connector	1	-	-	Black	6	6.5	W22980704	086/044106
With SILEC Connector	1	-	-	Black	6	8	W22980805	086/044107