

Flexo

Design



Quality Assurance

Applications

Approvals

Reputation

Ref: DSCA/10/06

- > Flexo detection system cable assemblies offer a fast fit, pre-terminated connection, for trackside detection systems (such as clamplock point detectors).
- > Factory moulded palms at one or both ends of the cable.
- > Key benefits are speed, reliability and high quality.
- > Nickel plated, brass eyelets are terminated to each core and encapsulated in neoprene, ensuring 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.
- > Excellent inherent flexibility enables mouldings to pass through restrictions such as glands.
- > Excellent resistance to vibration degradation.
- > Low smoke, zero halogen cable option available.
- > A 100% testing regime is rigorously employed. Every lead is electrically tested at the factory for voltage withstand, insulation resistance and correct continuity.
- > The moulding is designed to fit the mating assembly one way only - eliminating the possibility of an incorrect on site installation.
- > Clamplock detector:
 - Catered for with the 4 core, 2.5mm² C2 type leads
- > 12 Core Signalling Systems:
 - Catered for with the 12 core, 2.5mm² C2 type leads
- > Level Crossing Treadle Leads:
 - Catered for with the 7 core, 2.5mm² C2 type leads and 6 core CT451 cable (when supplied with SILEC connector)
- > Detection System Cable Assemblies comply with the design and performance requirements of Network Rail specification BR1974 (where applicable).
- > Cables:
 - C2 cables comply with RT/E/PS/00005
 - Cables supplied with SILEC connectors comply with CT451 (France)
- > With origins stretching back over 100 years, Prysmian has an enviable reputation for product quality and innovation design.
- > Prysmian Components manufactures and supplies to accredited Business Management Systems BS EN 9001 and 14001 and is certified to OHSAS 18001.



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Detection System Cable Assemblies

Selection Tables

Clamplock Detector Lead, 2.5mm², (50/0.25), 4 core, C2 neoprene cable, double ended

Prysmian Catalogue Number	RI Catalogue Number	Length (m)
W7 2299 03 01	88/2444	2.3
W7 2299 04 02	88/2445	3.3
W7 2299 04 03	88/2446	4.3
W7 2299 08 06	88/2454	7.8
W7 2299 12 11	-	12
W7 2299 10 07	88/2456	10
W7 2299 15 08	88/2455	15
W7 2299 25 12	-	25

12 Core Signalling Cable with moulded termination, 2.5mm², (50/0.25), single ended, C2 neoprene cable

Prysmian Catalogue Number	RI Catalogue Number	Length (m)
W7 2295 05 01	88/2443	5
W7 2295 10 02	88/2442	10
W7 2295 15 03	88/2441	15
W7 2295 20 04	88/2440	20

Level Crossing Treadle Leads, 2.5mm², (50/0.25), 7 core, single ended, C2 neoprene cable

Prysmian Catalogue Number	RI Catalogue Number	Length (m)
W7 2297 03 01	86/44108	3
W7 2297 05 02	86/44109	4.5
W7 2297 07 03	86/44110	6.5
W7 2297 08 04	86/44111	8

Level Crossing Treadle Leads, 6 core, complete with SILEC connector

Prysmian Catalogue Number	RI Catalogue Number	Length (m)
W7 2298 03 02	86/44104	3
W7 2298 05 03	86/44105	4.5
W7 2298 07 04	86/44106	6.5
W7 2298 08 05	86/44107	8



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