

## Rail Products

## Track Circuit Cable Assemblies

# Flexo

### Design

- > Flexo track circuit leads deliver cost savings in signalling installation and maintenance projects, by providing factory tested quality assurance whilst slashing installation times.
- > Single core cables supplied with a factory moulded termination at one or both ends.
- > Terminations moulded in neoprene provide excellent vibration protection for the electrical connection.
- > Designed to hug the rail web tightly, track circuit lead fixings are at 76mm centres and are designed for use with the rail industry standard taper pin.
- > Track circuit leads have twin connections, providing fail safe, long term reliability.
- > All products can be supplied in non standard, project specified lengths if required.

### Quality Assurance

- > A 100% tested regime is rigorously employed. Every lead is electrically tested at the factory.

### Applications



- > Track Circuit (Conventional): Catered for with the 2.5mm<sup>2</sup> C1 and 2.5mm<sup>2</sup> E1 type leads.
- > Track Circuit (Jointless): Such as 'Aster' and 'T121' are catered for with the 35mm<sup>2</sup> C1 and 70mm<sup>2</sup> leads.
- > Rail Bonding (Yellow): Catered for with the 35mm<sup>2</sup> leads identified by yellow sleeving.
- > Rail Bonding (Stud Connections): Catered for with the 2.5mm<sup>2</sup> C1 leads.

### Approvals



- > Prysmian Track Circuit Cable Assemblies comply with the design and performance requirements of the Network Rail standard GK/RT 0301 (where applicable).
- > Cables:
  - C1 and E1 type cables comply with RT/E/PS/00005
  - 35mm<sup>2</sup> CSP sheathed cable complies with BS 7919
  - 70mm<sup>2</sup> CSP sheathed cable complies with BS 638

### Reputation

- > With origins stretching back over 100 years, Prysmian have an enviable reputation for product quality and innovative design.
- > Components manufactures and supplies to accredited Business Management Systems BS EN 9001 and 14001 and is certified to OHSAS 18001.

# Track Circuit Cable Assemblies

## Lead Details

### Track Circuit Leads, 2.5mm<sup>2</sup>, (50/0.25), C1 Neoprene Cable

Catalogue Number	RI Catalogue Number	Length (m)
W7 9160 03 02	86/44022	3
W7 9160 07 05	86/44024	6.5
W7 9160 05 06	86/44023	4.5
W7 9160 08 07	86/44025	8
W7 9160 30 08	86/44026	30
W7 9160 10 09	-	10
W7 9160 15 10	86/44031	15
W7 9160 20 12	-	20
W7 9160 32 13	-	32
W7 9160 16 14	-	16
W7 9160 50 15	-	50
W7 9160 80 16	-	80
W7 9160 10 19	-	9.5
W7 9160 18 20	86/44029	17.5
W7 9160 45 24	-	45
W7 9160 25 29	-	25
W7 9160 55 30	-	55
W7 9160 60 31	-	60
W7 9160 75 32	-	75
W7 9160 12 33	-	12
W7 9160 35 34	-	35

### Track Circuit Leads, 2.5mm<sup>2</sup>, (50/0.25), E1 LSF Cable

Catalogue Number	RI Catalogue Number	Length (m)
W7 9160 05 17	-	4.5
W7 9160 10 18	-	9.5
W7 9160 07 21	-	6.5
W7 9160 08 22	-	8
W7 9160 30 23	-	30

### Track Circuit Lead, back to back, Double Ended, 2.5mm<sup>2</sup>, (50/0.25), C1 Neoprene Cable

Catalogue Number	RI Catalogue Number	Length (m)
W7 9191 02 01	86/44037	0.85
W7 9191 03 02	86/44038	1.2

### Track Circuit Leads, 35mm<sup>2</sup>, CSP Sheath Cable

Catalogue Number	RI Catalogue Number	Length (m)
W7 9161 01 10	86/44112	0.46
W7 9161 01 01	86/44103	1.2
W7 9161 03 03	86/44102	3
W7 9161 02 07	86/44040	1.65
W7 9161 03 08	86/44041	2.9

### Track Circuit Leads, 70mm<sup>2</sup>, CSP Sheath Cable, Orange

Catalogue Number	RI Catalogue Number	Length (m)
W7 9161 03 51	86/44101	3
W7 9161 05 52	86/44100	4.8

### Track Circuit Leads for Yellow Bonding Applications, 35mm<sup>2</sup>, CSP Sheath Cable

Catalogue Number	RI Catalogue Number	Length (m)
W7 9162 03 10	86/44155	3
W7 9162 04 02	86/44154	4.5
W7 9162 06 03	86/44153	6.5
W7 9162 08 04	86/44152	8
W7 9162 30 05	86/44151	30
W7 9162 40 06	-	40

### Track Circuit Leads for Yellow Bonding Applications, Full Yellow Sleeve, 35mm<sup>2</sup>, CSP Sheath Cable

Catalogue Number	RI Catalogue Number	Length (m)
W7 9192 03 11	-	3
W7 9192 10 12	-	10

# Track Circuit Cable Assemblies

## Lead Details

### Rail Bonding Stud Connection Leads, Single Ended, 2.5mm<sup>2</sup>, (50/0.25), C1 Neoprene Cable

Catalogue Number	RI Catalogue Number	Length (m)
W7 9171 03 01	86/44042	3
W7 9171 04 02	86/44043	4.5
W7 9171 06 03	86/44044	6.5
W7 9171 08 04	86/44045	8
W7 9171 30 05	86/44046	30

### Rail Bonding Stud Connection Leads, Double Ended, 2.5mm<sup>2</sup>, (50/0.25), C1 Neoprene Cable

Catalogue Number	RI Catalogue Number	Length (m)
W7 9172 01 01	86/44048	0.85
W7 9172 01 02	86/44049	1.2
W7 9172 02 03	86/44047	1.6
W7 9172 03 04	86/44039	3

### Track Circuit Lead Rail Fastening Kits

Catalogue Number	RI Catalogue Number	Length (m)
W7 4998 00 43	86/44017	Includes clip, taper pins & fasteners for 2.5mm <sup>2</sup> cable
W7 4998 0060	-	Includes taper pins & fasteners for 2.5mm <sup>2</sup> cable
W7 4998 00 64	-	Includes clip, taper pins & fasteners for 35mm <sup>2</sup> & 70mm <sup>2</sup> cable