

# Flexo

### Design



### Quality Assurance

### Applications



### Approvals

### Reputation

Ref: VC/10/06



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- > Vehicle couplers and battery charging leads are manufactured from highly flexible neoprene rubber that is fully vulcanised to the cables. They are extremely robust and able to withstand the very roughest treatment.
- > The wagon coupler was designed for use in the lighting circuits on ballast wagons. The design is totally waterproof and resistant to the abrasive dust associated with ballasting.
- > Battery charging leads are designed for use with all types of locomotives, diesel multiple units, and locomotive hauled coaching stock.
- > Both types of lead are highly resistant to any damage that might be caused by vehicle uncoupling with the cables still connected.

- > A 100% testing regime is rigorous employed. Every lead is electrically tested at the factory for voltage withstand, insulation resistance and correct continuity.

#### > Vehicle Couplers:

- RCH Couplers (push-pull train control)
- Wagon Couplers

#### > Battery Charging Leads:

- Catered for with 2 pole and 3 pole systems

- > The FLEXO RCH Couplers are approved to Network Rail specification TEE/SY/89/T/022.
- > The FLEXO battery charging leads are fully approved to Network Rail specification S-PM-283/1.
- > The majority of popular lengths have been allocated rail industry catalogue numbers.
- > With origins stretching back over 100 years, Prysmian has an enviable reputation for product quality and innovative design.
- > Components manufactures and supplies to accredited Business Management Systems BSEN9001 & 14001 and is certified to OHSAS 18001.

# Vehicle Couplers and Battery Charging Leads

## Selection Tables

### Vehicle Couplers

Catalogue Number	RI Catalogue Number	Description
W7 9087 01 10	800/571701	RCH coupler, cable end non terminated, loose terminals provided for termination on site, 1.000m
W7 9087 01 12	800/571702	RCH coupler, cable end terminated, 0.711m
W7 9087 01 14	800/571703	RCH coupler, cable end terminated, 0.864m
W7 9087 01 16	800/571704	RCH coupler, cable end terminated, 0.572m
W7 9087 01 13	800/571705	RCH coupler, cable end terminated, 1.000m
W7 9087 01 15	800/571706	RCH coupler, cable end terminated, 1.200m
W7 9087 02 11	800/571707	RCH coupler, cable end terminated, 2.500m
W7 9087 02 17	800/571708	RCH coupler, cable end terminated, 2.005m
W7 9085 01 01	19/70010	Wagon coupler socket with glanded cable, 60Amp, 3 pole, 120V (Black)
W7 9084 01 01	19/70009	Wagon coupler plug with glanded cable, 60Amp, 3 pole, 240V (Black)
W7 9093 01 01	19/70094	Wagon coupler plug with glanded cable, 60Amp, 3 pole, 110V (Yellow)
W7 9094 01 01	19/70095	Wagon coupler socket with glanded cable, 60Amp, 3 pole, 110V (Yellow)

### Battery Charging Leads

Catalogue Number	RI Catalogue Number	Description
W7 9089 05 02	54/103683	Battery charging plug lead, round, 2 pole, 100 Amp, 16mm <sup>2</sup> , 5m
W7 9089 15 03	54/103684	Battery charging plug lead, round, 2 pole, 100 Amp, 16mm <sup>2</sup> , 15m
W7 9089 10 06	-	Battery charging plug lead, round, 2 pole, 100 Amp, 16mm <sup>2</sup> , 10m
W7 9082 10 01	-	Battery charging plug lead, round, 3 pole, 50 Amp, 10mm <sup>2</sup> , 10m
W7 9082 20 02	-	Battery charging plug lead, round, 3 pole, 50 Amp, 10mm <sup>2</sup> , 20m
W7 9082 15 03	54/103686	Battery charging plug lead, round, 3 pole, 50 Amp, 10mm <sup>2</sup> , 15m
W7 9082 05 04	54/103685	Battery charging plug lead, round, 3 pole, 50 Amp, 10mm <sup>2</sup> , 5m
W7 9082 30 05	-	Battery charging plug lead, round, 3 pole, 50 Amp, 10mm <sup>2</sup> , 30m
W7 9087 05 22	54/103689	Battery charging plug lead, flat, 3 pole, 20 Amp, 6mm <sup>2</sup> , 5m
W7 9087 15 23	54/103690	Battery charging plug lead, flat, 3 pole, 20 Amp, 6mm <sup>2</sup> , 15m
W7 9087 55 27	-	Battery charging plug lead, flat, 3 pole, 20 Amp, 6mm <sup>2</sup> , 55m
W7 9079 15 01	-	Battery charging extension lead (plug & socket), round, 3 pole, 50 Amp, 10mm <sup>2</sup> , 15m
W7 9079 01 06	-	Battery charging extension lead (plug & socket), round, 3 pole, 50 Amp, 10mm <sup>2</sup> , 0.2m
W7 9079 20 02	-	Battery charging extension lead (plug & socket), round, 3 pole, 50 Amp, 10mm <sup>2</sup> , 20m

