

Certificate of Acceptance

Certificate No: PA05/01717

Issue: 2

Valid from: 20/09/2011

Page 1 of 5

Product	Sheath Gap Kit
Manufacturer	Passcomm Limited 23-25 Tatton Court Kingsland Grange Warrington Cheshire WA1 4RR

Network Rail Acceptance Panel (NRAP) hereby authorises the product above for use on railway infrastructure for which Network Rail is the Infrastructure Manager under the ROGS regulations.

Failure to abide by the requirements in this Certificate of Acceptance may invalidate the certificate, thereby restricting the right to operate the product and / or limiting the future supply and deployment of the product on the infrastructure.

This certificate can only be amended by Network Rail Engineering directorate. Any alterations made by a different person will invalidate the entire certificate.

Scope of Acceptance

For use on all Network Rail controlled telecommunications infrastructure

Specific conditions

Refer to the pages which follow for the product configuration and detailed conditions of use.

Authorised by

 TJJ LANE ACTING TECHNOLOGY MANAGER 21/9/11

Eur. Ing. Steve Hailes MA, CEng, MIET, FIRSE
 Professional Head, Signals & Telecommunications

Certificate of Acceptance

Certificate No: PA05/01717

Issue: 2

Valid from: 20/09/2011

Page 2 of 5

SPECIFIC CONDITIONS

1) Manufacturer

The Manufacturer shall:

- 1) Ensure that all products supplied under this certificate comply with the standards defined in the Acceptance Requirements or otherwise documented as part of the assessment, including meeting the reliability requirements included in the Acceptance Requirements and in any deed of warranty for this certificate number.
- 2) Notify Network Rail Technology Introduction Group:
 - a. Within 48 hours, of any deficiencies affecting the quality, functionality or safety integrity of the product (including corrective action undertaken or proposed).
 - b. Of any intended change to the accepted product; changes include:
 - i. a change to the product configuration (to the actual product or its application);
 - ii. a variation to or addition of manufacturing locations or processes;
 - iii. a change in the name or ownership of the manufacturing company;
 - iv. any changes to the ability or intention to support with technical services, spares or repairs.
- 3) The Manufacturer shall provide Network Rail Technology Introduction Group at least 12 (twelve) months notice of its intention to discontinue supply or to provide such notice as is reasonable if such discontinuance is outside its control and will offer the opportunity of a Last Time Buy to Network Rail together with date for last order placement and supply of the parts affected. The introduction of proposed alternative products shall be communicated to the Network Rail Technology Introduction Group.
- 4) Provide further copies of operating and maintenance manuals to purchasers / users of the product as necessary (including certificates of conformance, calibration etc).
- 5) Provide further copies of training manuals and an appropriate level of training to purchasers or users of the product as necessary.
- 6) Where applicable, specialist technical support, repairs and servicing of the product shall be carried out by the Original Equipment Manufacturer (OEM) or authorised agent only.

2) Conditions of Use

Specifiers, installers, operators, maintainers, etc. using the product shall:

- 1) Not for use on internal PVC sheathed cables
- 2) Comply with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Technology Introduction Group.
- 3) Check that the application of use complies with the scope of acceptance.
- 4) Report any defect if it is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway in writing to Network Rail Technology Introduction Group.
- 5) Inform Network Rail Technology Introduction Group in writing of a change to the product configuration (or to the actual product or its application).
- 6) Operate, maintain and service the product in accordance with Network Rail standards and Operation and Maintenance manuals as appropriate.
- 7) Be appropriately trained and authorised for the installation, maintenance and use of the product.
- 8) Only send products for repair or reconditioning to the Original Equipment Manufacturer (OEM) or authorised agent.

Certificate of Acceptance

Certificate No: PA05/01717

Issue: 2

Valid from: 20/09/2011

Page 3 of 5

3) Compliance

Railways and Other Guided Systems (ROGS) Regulations

- 1) Where the product is to be used in areas where Network Rail is not the Infrastructure Manager (e.g. leased stations), the sponsor shall additionally obtain formal consent from the Infrastructure Manager for the locality where the equipment is to be installed. This may include a requirement for additional safety verification. The decision of that Infrastructure Manager is binding, and cannot be overridden by Network Rail except by the escalation processes established in the ROGS regulations
- 2) As required in Railway Group Standard GE/RT8270, at each use of this product the project or group responsible for installation and commissioning shall be required to demonstrate compatibility with:
 - a. All rail vehicle types that have access rights over the area affected by the change
 - b. Infrastructure managed by others
 - c. Neighbours.

Railway Interoperability Regulations

- 3) For interoperable constituents of systems the project or group responsible for installation and commissioning shall be required to demonstrate compliance with the relevant Technical Specifications for Interoperability (TSI) where appropriate.
- 4) An authorisation from the national safety authority (i.e. the Railway Safety Directorate of the Office of Rail Regulation) is required before the equipment is to be used in revenue earning service.

4) Supply Chain Arrangements

- 1) This certificate of acceptance does not imply any particular quantity of supply nor any exclusivity of supply.
- 2) The product may be purchased by Network Rail or its agents, suppliers or contractors.
- 3) Manufacturers should note that it is not necessary to enter into any exclusive supply arrangements with resellers or other suppliers.

5) Product Configuration

Part No.	Description	PADS No.
GAP-100-55/12	Sheath Gap Kit	087/037942
CG-100-55-120-SAC	DISAC Sheath Gap Kit; Cable O.D. 12-55 MM, Gap 100 MM	087/037969

Note: For complex products and systems, sponsors and manufacturers may be requested to submit a more detailed configuration report to be appended to this certificate.

6) Assessed Documentation

Reference	Title	Date and Applies to Cert. issue No.	
-	Safety Case submission in response to Network Rail Acceptance requirements	April 2003	1
-	Recommendation Form by NR Engineer	28/07/2011	2

Certificate of Acceptance

Certificate No: PA05/01717

Issue: 2

Valid from: 20/09/2011

Page 4 of 5

7) Certificate History

Issue Number	Date	Issue History
1	27/05/2003	First accepted for use.
2	20/09/2011	Manufacturer details changed from Tyco Electronics (UK) Ltd to Passcomm Ltd and product configuration updated

Certificate of Acceptance

Certificate No: PA05/01717

Issue: 2

Valid from: 20/09/2011

Page 5 of 5

8) DISTRIBUTION

Manufacturer

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