



**SAFETY CRITICAL CABLES**  
**G7624 A2, G7625 A2, G7626 A2**

Parameter	G7624 A2	G7625 A2	G7626 A2
Standard sheath colour	Black	Black	Red
<b>Electrical</b>			
Insulation resistance core to core	>110MΩ/km	>110MΩ/km	>140MΩ/km
Insulation resistance core to screen	>55MΩ/km	>55MΩ/km	>70MΩ/km
Capacitance; core to core	<0.13µF/km	<0.13µF/km	<0.2µF/km
Screening Efficiency	45dB min	60dB min	45dB min
<b>Mechanical</b>			
Diameter	9.4mm	11.4mm	8.4mm
Sheath stability	< 5%	< 5%	< 5%
<b>Sheath Resistance</b>			
Water (72hrs @ 85°C)	Pass	Pass	-
Ozone	Pass	Pass	-
Weathering	Pass	Pass	-
Oil (72hrs @ 100°C)	-	Pass	-
Min bend radius	59mm	71mm	71mm
Cold bend	-15°C	-15°C	-15°C
Crush	-	10kN	-
<b>Fire Performance</b>			
Temperature Index	>280°C	-	>280°C
Flammability	-	BS4066-3	-
Smoke emission	Pass	Pass	Pass
Toxicity	Pass	Pass	Pass

**PRODUCT DESCRIPTION**

This range of cables are used with block jointless track circuit and train position detector signalling equipment in tunnels or underground sections of railway.

**G7624** is used in bracket runs rather than troughing or laid on ballast

**G7625** is suitable for passing under tracking or laid directly on ballast

**G7626** is designed for dry or protected environments such as enclosures or equipment rooms

**PRODUCT CHARACTERISTICS**

Conductor : Tinned annealed copper to BS6360 Class 2

Insulation Cross-linked polyethylene

Assembly 2 x cores cabled together with LSZH fillers as required and tinned copper drainwire

Screen Aluminium/polyester tape

Sheath Low Smoke and Zero Halogen compound

**Cable Colour Code**

Cores Blue, White

The information contained in this document is valid and correct at the time of issue. However, we reserve the right to modify details without notice in the light of subsequent Standard / Specification changes and ongoing technical developments. Diagram colours are used for representation only.

