

# Product Type Approval Certificate


This certificate is issued to:

<b>Supplier name and address:</b>	Maser 9/15 Rodborough Rd Frenchs Forest NSW 2086
-----------------------------------	--

In respect of:

<b>Manufacturer:</b>	Maser group
<b>Place of manufacture:</b>	China
<b>Product description:</b>	Refer to Annexure 1
<b>Use approved for:</b>	Cables for use on the Vital Signalling System
<b>Conditions of approval:</b>	Cables are subject to first article inspection and review of test certificates including testing by TfNSW. Refer to approval status of individual cable types in Annexure 1
<b>Limitations:</b>	Nil

## Evaluating rail transport operator

<b>Name:</b>	Peter McGregor
<b>Position:</b>	Lead Signals & Control Systems Engineer, Asset Management SER, Transport for NSW
<b>Signature:</b>	
<b>Date:</b>	23 <sup>rd</sup> December 2020

**Product approval pack reference number:** fA1359064

## Generic conditions on type approval

- Use of this product shall be in accordance with relevant TfNSW standards and RIM's operational standards.
- Reliance on this approval by any other organisation is done so entirely at that organisation's own risk.
- The supplier or manufacturer must advise TfNSW Asset Management of any changes made to the product or system which may alter its identification, performance characteristics, form, fit or processes required for correct usage so that this approval can be revised or reviewed.

## Annexure 1 List of Approved Cable Types

Item #	Cable description	Maser Part number	Approval Status
The following cables are supplied by Maser			
1	RAILWAY CABLE HIGH FREQUENCY SCREENED TRACK CIRCUIT CABLE (ASA SPG 1015) (1.5mm – 1pair)	MAURSPG1015 1	Subject to first article inspection
2	RAILWAY CABLE FIRE SAFE HIGH FREQUENCY SCREENED TRACK CIRCUIT CABLE (ASA SPG 1016) (1.5mm – 1 pair)	MAURSPG1016 1	Subject to first article inspection
3	RAILWAY CABLE 6 core multicore signal cable (1.5mm)	MAURSPG1011 06	Subject to first article inspection
4	RAILWAY CABLE 15 core multicore signal cable (1.5mm)	MAURSPG1011 15	Subject to first article inspection
5	RAILWAY CABLE 25 core multicore signal cable (1.5mm)	MAURSPG1011 25	Subject to first article inspection
6	RAILWAY CABLE 50 core multicore signal cable (1.5mm)	MAURSPG1011 50	Subject to first article inspection
7	RAILWAY CABLE Stranded 2PR Quad Communications Cable Quad Cable – axle counter	MAURVRIOGS 2P/0.9	Subject to first article inspection