



**METRO RELAY ROOM SINGLE-CORE CABLE**

**MR-SE-1093**

**9 orderable sizes**

<b>STANDARD</b> MR-SE-1093	<b>VOLTAGE CLASS</b> 600/1000 V	<b>TEMPERATURE CLASS</b> -15 °C to +90 °C guide
<b>CONDUCTOR</b> Class 2 stranded tinned copper conductor	<b>INSULATION / JACKET</b> Limited fire hazard railway outer sheath	

**Construction**

- 1 **Conductor** – Class 2 stranded tinned copper conductor · 7 × Ø1.35 mm · IEC 60228 cl.2
- 2 **Insulation** – EPR railway insulation

**Size selection — all available cross-sections**

Cable reference	Railway duty	Installation zone	Cable design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide
SE1093 metro signalling cable 600/1000 V Metro signalling and relay room wiring Single core EPR LFH signalling cable 0.5 mm <sup>2</sup>	Metro signalling and relay room wiring	Relay room, panel and small trunking	Single core EPR LFH signalling cable	0.5 mm <sup>2</sup>	600/1000 V	37.1 Ω/km	9.7 mm
SE1093 metro signalling cable 600/1000 V Metro signalling and relay room wiring Single core EPR LFH signalling cable 0.75 mm <sup>2</sup>	Metro signalling and relay room wiring	Relay room, panel and small trunking	Single core EPR LFH signalling cable	0.75 mm <sup>2</sup>	600/1000 V	24.7 Ω/km	10.0 mm
SE1093 metro signalling cable 600/1000 V Metro signalling and relay room wiring Single core EPR LFH signalling cable 1.0 mm <sup>2</sup>	Metro signalling and relay room wiring	Relay room, panel and small trunking	Single core EPR LFH signalling cable	1.0 mm <sup>2</sup>	600/1000 V	18.5 Ω/km	10.3 mm

Cable reference	Railway duty	Installation zone	Cable design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide
SE1093 metro signalling cable 600/1000 V Metro signalling and relay room wiring Single core EPR LFH signalling cable 1.5 mm <sup>2</sup>	Metro signalling and relay room wiring	Relay room, panel and small trunking	Single core EPR LFH signalling cable	1.5 mm <sup>2</sup>	600/1000 V	12.7 Ω/km	10.8 mm
SE1093 metro signalling cable 600/1000 V Metro signalling and relay room wiring Single core EPR LFH signalling cable 2.5 mm <sup>2</sup>	Metro signalling and relay room wiring	Relay room, panel and small trunking	Single core EPR LFH signalling cable	2.5 mm <sup>2</sup>	600/1000 V	7.6 Ω/km	11.5 mm
SE1093 metro signalling cable 600/1000 V Metro signalling and relay room wiring Single core EPR LFH signalling cable 4 mm <sup>2</sup>	Metro signalling and relay room wiring	Relay room, panel and small trunking	Single core EPR LFH signalling cable	4 mm <sup>2</sup>	600/1000 V	4.7 Ω/km	12.3 mm
SE1093 metro signalling cable 600/1000 V Metro signalling and relay room wiring Single core EPR LFH signalling cable 6 mm <sup>2</sup>	Metro signalling and relay room wiring	Relay room, panel and small trunking	Single core EPR LFH signalling cable	6 mm <sup>2</sup>	600/1000 V	3.1 Ω/km	13.3 mm
SE1093 metro signalling cable 600/1000 V Metro signalling and relay room wiring Single core EPR LFH signalling cable 10 mm <sup>2</sup>	Metro signalling and relay room wiring	Relay room, panel and small trunking	Single core EPR LFH signalling cable	10 mm <sup>2</sup>	600/1000 V	1.83 Ω/km	14.7 mm
SE1093 metro signalling cable 600/1000 V Metro signalling and relay room wiring Single core EPR LFH signalling cable 16 mm <sup>2</sup>	Metro signalling and relay room wiring	Relay room, panel and small trunking	Single core EPR LFH signalling cable	16 mm <sup>2</sup>	600/1000 V	1.15 Ω/km	16.4 mm