



CONCENTRIC SIGNALLING CABLE

SE1047

16 orderable sizes

STANDARD SE1047	VOLTAGE CLASS 600/1000 V	TEMPERATURE CLASS -15 °C to +85 °C guide
CONDUCTOR Stranded tinned copper conductor	INSULATION / JACKET PVC or limited fire hazard railway sheath	

Construction

- 1 ■ **Conductor** – Stranded tinned copper conductor · 7 × Ø0.52 mm · IEC 60228 cl.2
- 2 ■ **Insulation** – Railway signalling 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
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 1 PVC sheath 1.5 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 1 PVC sheath	1.5 mm ²	600/1000 V	12.7 Ω/km	14.7 mm
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 1 PVC sheath 2.5 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 1 PVC sheath	2.5 mm ²	600/1000 V	7.6 Ω/km	15.4 mm
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 1 PVC sheath 4 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 1 PVC sheath	4 mm ²	600/1000 V	4.7 Ω/km	16.3 mm
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 1 PVC sheath 6 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 1 PVC sheath	6 mm ²	600/1000 V	3.1 Ω/km	17.2 mm

Cable reference	Railway duty	Installation zone	Cable design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 2 LFH sheath 1.5 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 2 LFH sheath	1.5 mm ²	600/1000 V	12.7 Ω/km	14.7 mm
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 2 LFH sheath 2.5 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 2 LFH sheath	2.5 mm ²	600/1000 V	7.6 Ω/km	15.4 mm
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 2 LFH sheath 4 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 2 LFH sheath	4 mm ²	600/1000 V	4.7 Ω/km	16.3 mm
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 2 LFH sheath 6 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 2 LFH sheath	6 mm ²	600/1000 V	3.1 Ω/km	17.2 mm
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 3 PVC sheath 1.5 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 3 PVC sheath	1.5 mm ²	600/1000 V	12.7 Ω/km	14.7 mm
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 3 PVC sheath 2.5 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 3 PVC sheath	2.5 mm ²	600/1000 V	7.6 Ω/km	15.4 mm
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 3 PVC sheath 4 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 3 PVC sheath	4 mm ²	600/1000 V	4.7 Ω/km	16.3 mm
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 3 PVC sheath 6 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 3 PVC sheath	6 mm ²	600/1000 V	3.1 Ω/km	17.2 mm
SE1047 concentric signalling cable	Concentric signalling	Trackside bracket run	Concentric signalling	1.5 mm ²	600/1000 V	12.7 Ω/km	14.7 mm

Cable reference	Railway duty	Installation zone	Cable design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide
600/1000 V Concentric signalling Concentric signalling Type 4 LFH sheath 1.5 mm ²		and signalling equipment	Type 4 LFH sheath				
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 4 LFH sheath 2.5 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 4 LFH sheath	2.5 mm ²	600/1000 V	7.6 Ω/km	15.4 mm
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 4 LFH sheath 4 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 4 LFH sheath	4 mm ²	600/1000 V	4.7 Ω/km	16.3 mm
SE1047 concentric signalling cable 600/1000 V Concentric signalling Concentric signalling Type 4 LFH sheath 6 mm ²	Concentric signalling	Trackside bracket run and signalling equipment	Concentric signalling Type 4 LFH sheath	6 mm ²	600/1000 V	3.1 Ω/km	17.2 mm