



TRACKSIDE SIGNALLING CABLE

NR/PS/SIG/00005

10 orderable sizes

STANDARD NR/PS/SIG/00005	VOLTAGE CLASS 650/1100 V or 250/440 V	TEMPERATURE CLASS -25 °C to +70 °C guide
CONDUCTOR Class 2 stranded plain copper conductor	INSULATION / JACKET Robust LSZH or PE railway outer sheath	

Construction

- 1 ■ **Conductor (per core)** – Class 2 stranded plain copper conductor · 7 × Ø0.67 mm · IEC 60228 cl.2
- 2 ■ **Core insulation** – LSZH or polyethylene railway signalling insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Sheath** – Robust LSZH or PE railway outer sheath

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
Railway signalling cable 650/1100 V or 250/440 V Trackside signalling Type A signalling cable 4 core 1.5 mm ²	Trackside signalling	Trackside trough and location case	Type A signalling cable 4 core	1.5 mm ²	650/1100 V or 250/440 V	12.7 Ω/km	13.0 mm
Railway signalling cable 650/1100 V or 250/440 V Trackside signalling Type A signalling cable 4 core 2.5 mm ²	Trackside signalling	Trackside trough and location case	Type A signalling cable 4 core	2.5 mm ²	650/1100 V or 250/440 V	7.6 Ω/km	13.7 mm
Railway signalling cable 650/1100 V or 250/440 V Trackside signalling Type B signalling cable 7 core 1.5 mm ²	Trackside signalling	Trackside trough and location case	Type B signalling cable 7 core	1.5 mm ²	650/1100 V or 250/440 V	12.7 Ω/km	14.0 mm
Railway signalling cable 650/1100 V or 250/440 V Trackside signalling Type B signalling cable 7 core 2.5 mm ²	Trackside signalling	Trackside trough and location case	Type B signalling cable 7 core	2.5 mm ²	650/1100 V or 250/440 V	7.6 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
250/440 V Trackside signalling Type B signalling cable 7 core 2.5 mm ²		location case	cable 7 core		250/440 V		
Railway signalling cable 650/1100 V or 250/440 V Trackside signalling Type C signalling cable 12 core 1.5 mm ²	Trackside signalling	Trackside trough and location case	Type C signalling cable 12 core	1.5 mm ²	650/1100 V or 250/440 V	12.7 Ω/km	15.3 mm
Railway signalling cable 650/1100 V or 250/440 V Trackside signalling Type C signalling cable 12 core 2.5 mm ²	Trackside signalling	Trackside trough and location case	Type C signalling cable 12 core	2.5 mm ²	650/1100 V or 250/440 V	7.6 Ω/km	16.0 mm
Railway signalling cable 650/1100 V or 250/440 V Trackside signalling Type D signalling cable 19 core 1.5 mm ²	Trackside signalling	Trackside trough and location case	Type D signalling cable 19 core	1.5 mm ²	650/1100 V or 250/440 V	12.7 Ω/km	16.7 mm
Railway signalling cable 650/1100 V or 250/440 V Trackside signalling Type D signalling cable 19 core 2.5 mm ²	Trackside signalling	Trackside trough and location case	Type D signalling cable 19 core	2.5 mm ²	650/1100 V or 250/440 V	7.6 Ω/km	17.4 mm
Railway signalling cable 650/1100 V or 250/440 V Trackside signalling Type E signalling cable 27 core 1.5 mm ²	Trackside signalling	Trackside trough and location case	Type E signalling cable 27 core	1.5 mm ²	650/1100 V or 250/440 V	12.7 Ω/km	18.0 mm
Railway signalling cable 650/1100 V or 250/440 V Trackside signalling Type E signalling cable 27 core 2.5 mm ²	Trackside signalling	Trackside trough and location case	Type E signalling cable 27 core	2.5 mm ²	650/1100 V or 250/440 V	7.6 Ω/km	18.7 mm