



RODENT-PROTECTED SIGNALLING POWER CABLE

NR/L2/ELP/27408

18 orderable sizes

STANDARD NR/L2/ELP/27408	VOLTAGE CLASS 600/1000 V	TEMPERATURE CLASS 90 °C conductor guide
CONDUCTOR Class 2 stranded copper conductor	INSULATION / JACKET Trackside LSZH or MDPE railway outer sheath	

Construction

- 1 **Conductor (per core)** – Class 2 stranded copper conductor · 7 × Ø2.13 mm · IEC 60228 cl.2
- 2 **Core insulation** – XLPE power insulation
- 3 **Filler** – PP filler
- 4 **Shield** – Foil shield (B)
- 5 **Sheath** – Trackside LSZH or MDPE 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
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 2 core 2.5 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 2 core	2.5 mm ²	600/1000 V	7.6 Ω/km	14.0 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 2 core 4 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 2 core	4 mm ²	600/1000 V	4.7 Ω/km	14.9 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 2 core 6 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 2 core	6 mm ²	600/1000 V	3.1 Ω/km	15.8 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 2 core 10 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 2 core	10 mm ²	600/1000 V	1.83 Ω/km	17.3 mm

Cable reference	Railway duty	Installation zone	Cable design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 2 core 16 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 2 core	16 mm ²	600/1000 V	1.15 Ω/km	19.0 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 2 core 25 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 2 core	25 mm ²	600/1000 V	0.727 Ω/km	21.0 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 3 core 2.5 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 3 core	2.5 mm ²	600/1000 V	7.6 Ω/km	14.5 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 3 core 4 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 3 core	4 mm ²	600/1000 V	4.7 Ω/km	15.4 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 3 core 6 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 3 core	6 mm ²	600/1000 V	3.1 Ω/km	16.3 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 3 core 10 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 3 core	10 mm ²	600/1000 V	1.83 Ω/km	17.8 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 3 core 16 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 3 core	16 mm ²	600/1000 V	1.15 Ω/km	19.5 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 3 core 25 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 3 core	25 mm ²	600/1000 V	0.727 Ω/km	21.5 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 4 core 2.5 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 4 core	2.5 mm ²	600/1000 V	7.6 Ω/km	14.9 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 4 core 4 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 4 core	4 mm ²	600/1000 V	4.7 Ω/km	15.8 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 4 core 6 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 4 core	6 mm ²	600/1000 V	3.1 Ω/km	16.7 mm
FGT signalling power cable 600/1000 V Class 2 signalling	Class 2 signalling	Trackside class 2	FGT enhanced	10 mm ²	600/1000 V	1.83 Ω/km	18.2 mm

Cable reference	Railway duty	Installation zone	Cable design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide
2 signalling power FGT enhanced 4 core 10 mm ²	power	signalling supply	4 core				
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 4 core 16 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 4 core	16 mm ²	600/1000 V	1.15 Ω/km	19.9 mm
FGT signalling power cable 600/1000 V Class 2 signalling power FGT enhanced 4 core 25 mm ²	Class 2 signalling power	Trackside class 2 signalling supply	FGT enhanced 4 core	25 mm ²	600/1000 V	0.727 Ω/km	22.0 mm

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