



EMI SHIELDED DEFENCE CABLE

EMI shielded defence cable reference

16 orderable sizes

STANDARD EMI shielded defence cable reference	VOLTAGE CLASS 300/500 V or signal circuit	CONDUCTOR Tinned copper conductor
INSULATION / JACKET LSZH, PUR or oil-resistant defence sheath		

Construction

- 1 ■ **Conductor (per core)** – Tinned copper conductor · 16 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – Low-capacitance or LSZH control insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Shield** – Braid shield (C)
- 5 ■ **Sheath** – LSZH, PUR or oil-resistant defence sheath

Size selection — all available cross-sections

Cable reference	Mission duty	Platform	Cable design	Conductor / fibre	Electrical reference	Shield / protection	Environment class	OD guide
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 2 core double-shielded control cable 0.5 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	2 core double-shielded control cable	0.5 mm ²	39.0 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	12.8 mm
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 2 core double-shielded control cable 0.75 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	2 core double-shielded control cable	0.75 mm ²	26.0 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	13.1 mm

Cable reference	Mission duty	Platform	Cable design	Conductor / fibre	Electrical reference	Shield / protection	Environment class	OD guide
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 2 core double-shielded control cable 1.0 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	2 core double-shielded control cable	1.0 mm ²	18.5 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	13.4 mm
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 2 core double-shielded control cable 1.5 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	2 core double-shielded control cable	1.5 mm ²	13.3 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	13.8 mm
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 4 core double-shielded control cable 0.5 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	4 core double-shielded control cable	0.5 mm ²	39.0 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	13.6 mm
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 4 core double-shielded control cable 0.75 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	4 core double-shielded control cable	0.75 mm ²	26.0 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	13.9 mm
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 4 core double-shielded control cable 1.0 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	4 core double-shielded control cable	1.0 mm ²	18.5 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	14.2 mm
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 4 core double-shielded control cable 1.5 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	4 core double-shielded control cable	1.5 mm ²	13.3 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	14.6 mm
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 7	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	7 core double-shielded control cable	0.5 mm ²	39.0 Ω/km conductor resistance	Foil screen plus tinned copper	EMI/EMC controlled, oil and flame resistant	14.6 mm

Cable reference	Mission duty	Platform	Cable design	Conductor / fibre	Electrical reference	Shield / protection	Environment class	OD guide
core double-shielded control cable 0.5 mm ²						braid shield		
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 7 core double-shielded control cable 0.75 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	7 core double-shielded control cable	0.75 mm ²	26.0 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	14.9 mm
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 7 core double-shielded control cable 1.0 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	7 core double-shielded control cable	1.0 mm ²	18.5 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	15.1 mm
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 7 core double-shielded control cable 1.5 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	7 core double-shielded control cable	1.5 mm ²	13.3 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	15.6 mm
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 12 core double-shielded control cable 0.5 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	12 core double-shielded control cable	0.5 mm ²	39.0 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	15.8 mm
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 12 core double-shielded control cable 0.75 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	12 core double-shielded control cable	0.75 mm ²	26.0 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	16.1 mm
EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 12 core double-shielded control cable 1.0 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	12 core double-shielded control cable	1.0 mm ²	18.5 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	16.3 mm

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EMI shielded defence control cable EMI-sensitive equipment and control Radar, vehicle electronics and command systems 12 core double-shielded control cable 1.5 mm ²	EMI-sensitive equipment and control	Radar, vehicle electronics and command systems	12 core double-shielded control cable	1.5 mm ²	13.3 Ω/km conductor resistance	Foil screen plus tinned copper braid shield	EMI/EMC controlled, oil and flame resistant	16.7 mm