



MINERAL INSULATED FIRE RESISTANT CABLE

IEC 60702

24 orderable sizes

STANDARD IEC 60702	VOLTAGE CLASS 500/750 V	CONDUCTOR Copper conductor
INSULATION / JACKET Copper sheath with optional LSZH overshath		

Construction

- 1 ■ Conductor (per core) – Copper conductor · 7 × Ø0.67 mm · IEC 60228 cl.2
- 2 ■ Core insulation – Mineral insulation
- 3 ■ Filler – PP filler
- 4 ■ Sheath – Copper sheath with optional LSZH overshath

Size selection — all available cross-sections

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
Mineral Insulated Copper Sheathed 500/750 V 2 core 1.0 mm ²	500/750 V	2 core	1.0 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	11 mm
Mineral Insulated Copper Sheathed 500/750 V 2 core 1.5 mm ²	500/750 V	2 core	1.5 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	12 mm
Mineral Insulated Copper Sheathed 500/750 V 2 core 2.5 mm ²	500/750 V	2 core	2.5 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	12 mm
Mineral Insulated Copper Sheathed 500/750 V 2 core 4 mm ²	500/750 V	2 core	4 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	13 mm
Mineral Insulated Copper Sheathed 500/750 V 2 core 6 mm ²	500/750 V	2 core	6 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	14 mm
Mineral Insulated Copper Sheathed 500/750 V 2 core 10 mm ²	500/750 V	2 core	10 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	16 mm

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
Mineral Insulated Copper Sheathed 500/750 V 2 core 16 mm ²	500/750 V	2 core	16 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	18 mm
Mineral Insulated Copper Sheathed 500/750 V 2 core 25 mm ²	500/750 V	2 core	25 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	21 mm
Mineral Insulated Copper Sheathed 500/750 V 3 core 1.0 mm ²	500/750 V	3 core	1.0 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	13 mm
Mineral Insulated Copper Sheathed 500/750 V 3 core 1.5 mm ²	500/750 V	3 core	1.5 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	13 mm
Mineral Insulated Copper Sheathed 500/750 V 3 core 2.5 mm ²	500/750 V	3 core	2.5 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	14 mm
Mineral Insulated Copper Sheathed 500/750 V 3 core 4 mm ²	500/750 V	3 core	4 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	15 mm
Mineral Insulated Copper Sheathed 500/750 V 3 core 6 mm ²	500/750 V	3 core	6 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	16 mm
Mineral Insulated Copper Sheathed 500/750 V 3 core 10 mm ²	500/750 V	3 core	10 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	18 mm
Mineral Insulated Copper Sheathed 500/750 V 3 core 16 mm ²	500/750 V	3 core	16 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	20 mm
Mineral Insulated Copper Sheathed 500/750 V 3 core 25 mm ²	500/750 V	3 core	25 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	22 mm
Mineral Insulated Copper Sheathed 500/750 V 4 core 1.0 mm ²	500/750 V	4 core	1.0 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	15 mm
Mineral Insulated Copper Sheathed 500/750 V 4 core 1.5 mm ²	500/750 V	4 core	1.5 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	15 mm
Mineral Insulated Copper Sheathed 500/750 V 4 core 2.5 mm ²	500/750 V	4 core	2.5 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	16 mm
Mineral Insulated Copper Sheathed 500/750 V 4 core 4 mm ²	500/750 V	4 core	4 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	17 mm
Mineral Insulated Copper Sheathed 500/750 V 4 core 6 mm ²	500/750 V	4 core	6 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	18 mm

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
Mineral Insulated Copper Sheathed 500/750 V 4 core 10 mm ²	500/750 V	4 core	10 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	20 mm
Mineral Insulated Copper Sheathed 500/750 V 4 core 16 mm ²	500/750 V	4 core	16 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	22 mm
Mineral Insulated Copper Sheathed 500/750 V 4 core 25 mm ²	500/750 V	4 core	25 mm ²	Inherent mineral insulated circuit integrity	Copper sheath	24 mm

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