



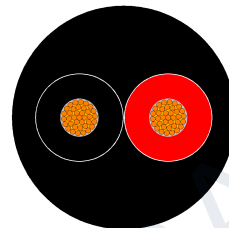
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

MGM 101 500 V MINING CABLE

Heavy-duty two-core cable for underground headcap lamp supply



APPLICATION

Heavy-duty mining cable for supplying standard 4 V, 1 A headcap lamps from a battery. Designed for high mechanical stress in deep mines where explosive gases and dust may accumulate.

KEY FEATURES

Parameter	Value
Application	Supply cable for standard 4 V, 1 A headcap lamps from a battery
Mining service	High mechanical stress resistant cable for deep mines
Hazardous areas	Designed for mine environments where explosive gases and dust may accumulate
Rated voltage	500 V with heavy-duty chloroprene outer sheath

DESIGN

Parameter	Value
Conductor	Electrolytic, stranded, tinned copper wire, IEC 60228 Class 5
Insulation	EPDM insulation
Layup	Cores laid up around a central strainer
Outer sheath	Heavy-duty chloroprene outer sheath

ELECTRICAL, THERMAL, MECHANICAL AND MATERIAL DATA

Parameter	Value
Rated voltage	500 V
Test voltage	500 V
Conductor	Tinned copper, IEC 60228 Class 5
Stranding	32/0.201 mm
Insulation	EPDM
Outer sheath	Heavy-duty chloroprene
Minimum bending radius	44 mm
Application	4 V, 1 A headcap lamp supply and deep-mine service
Availability	Other sizes and designs available on request

TECHNICAL DATA

MGM 101 - DIMENSIONS AND ELECTRICAL DATA						
Product type	Cores x size mm2	Stranding	Conductor diameter mm	Overall diameter min.-max. mm	Weight kg/km	Copper weight kg/km
MGM 101	2x1	32/0.201	1.30	8.7-8.8	140	20

CONSTRUCTION AND APPLICATION NOTES	
Parameter	Value
Construction	Two-core 2x1 mm2 cable with cores laid around a central strainer
Conductor	32/0.201 mm tinned copper, IEC 60228 Class 5
Insulation	EPDM insulation
Outer sheath	Heavy-duty chloroprene outer sheath
Bending	Minimum bending radius 44 mm

CERTIFICATIONS



TEBAOFLEX CABLE