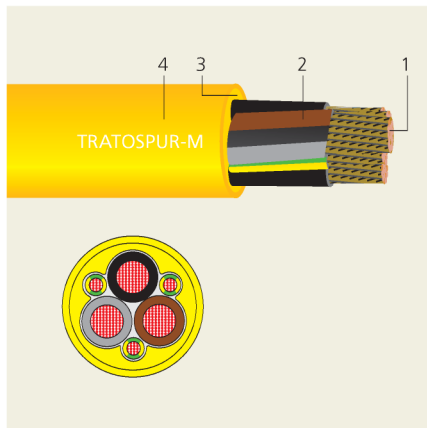


Tratospur-M; low voltage power cable

LOW VOLTAGE



Construction & Characteristics TRATOSPUR-M

- 1 Bare annealed copper conductor (Cl.5 IEC60228)
- 2 XLPE or TPR insulation
- 3 Yellow thermoplastic compound
- 4 Yellow halogen free thermoplastic compound

Applications

Tratospur cables are designed for power supply connections to all types of mobile equipment used in quarrying, open-cast mining and other applications in harsh working environments. The special polyurethane compound jacket offers a very good protection against hydrolysis and oils while the annealed copper conductor provides a very high degree of flexibility.

Rating and test voltages

Rated voltage U_0/U 0,6/1 kV A.C.
 Max voltage U_m 1,2 kV A.C.
 Test voltage 2,5 kV A.C.

Temperature ratings

+ 90°C Maximum conductor temperature
 - 30°C Minimum ambient temperature during work

Dimensional data

Nominal cross section n x mm ²	Max. overall diam. mm	Max diameter wires mm	Net weight kg/m	Max. Contin. Safe Reeling Tension N
3 x 25 + 3G6	24,30	0,25/0,25	1,200	1500
3 x 35 + 3G6	27,00	0,25/0,25	1,550	2100
3 x 50 + 3G10	30,80	0,40/0,25	2,200	3000
3 x 70 + 3G16	35,30	0,40/0,25	3,050	4200
3 x 95 + 3G16	39,20	0,40/0,25	3,850	5700
3 x 120 + 3G25	44,00	0,40/0,25	5,000	7200
3 x 150 + 3G25	48,70	0,40/0,25	6,100	9000
3 x 185 + 3G35	54,30	0,40/0,25	7,650	11100
3 x 240 + 3G50	60,30	0,40/0,40	9,850	14400



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