



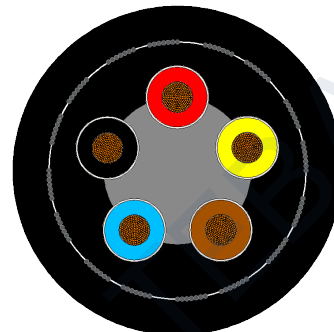
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

BS 6708 TYPE 43 125/72 V CABLE

Hand-held drilling machine cable



APPLICATION

Used for supplying hand-held drilling machines in deep mines where explosive gases and dust can accumulate, and on the surface.

CONSTRUCTION

Parameter	Value
Conductor	Electrolytic, stranded, tinned copper wire, IEC 60228 Class 5
Insulation	EPR
Lay-up	All cores are laid up without contacting each other around a semiconducting cradle
Bedding	Conducting elastomeric compound
Outer sheath	Heavy duty chloroprene outer sheath

CABLE CHARACTERISTICS

Parameter	Value
Standard	BS 6708
Rated voltage	125/72 V
Test voltage	1.5 kV
Cable type	Three phase cores, one pilot core and one earth core laid up around a semiconducting cradle and screened by semiconducting filler

TECHNICAL DATA

Complete nominal dimensional data. Source ordering codes have been omitted.

CORE DIMENSIONS				
Nominal cross section	Conductors	Stranding mm	Conductor diameter mm	Insulation thickness mm
5x6	5x6	84/0.30	3.30	1.00

CABLE DETAILS							
Nominal cross section	Conducting inner sheath thickness mm	Outer sheath thickness mm	Min. OD mm	Max. OD mm	Min. bend radius mm	Approx. weight kg/km	Copper weight kg/km
5x6	1.5	2.5	24.8	26.8	268	1020	150

TECHNICAL DATA

Complete nominal dimensional data. Source ordering codes have been omitted.

CURRENT RATINGS	
Nominal cross section	Continuous current rating at 25 deg C A
5x6	46

ELECTRICAL DETAILS	
Nominal cross section	Conductors Max. DC res. at 20 deg C ohm/km
5x6	3.48

NOTES

Nominal values are for cable selection. Actual cable dimensions may vary due to manufacturing tolerances.

CERTIFICATIONS

