



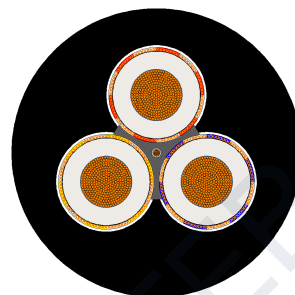
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrialcable

TYPE 210 COMPOSITE SCREENED CABLE

1.1/1.1 kV cable for hand-held equipment to AS/NZS 1802



APPLICATION

Composite screened power cores with a single extensible pilot. 1.1/1.1 kV cable used primarily for hand-held boring machines and as a flexible lead to other equipment where heavy duty service is required.

CONSTRUCTION

Parameter	Value
Core	Tinned copper, three phase cores plus central pilot
Insulation	EPR compound, R-EP-90
Screen	Composite earth screen of tinned annealed copper wire and polyester yarn
Core colours	Red, white and blue braid tracers
Pilot	Single central pilot core
Pilot resistance	Maximum 5.5 ohm/100m
Sheath	Heavy duty HD-85-PCP elastomer sheath

CABLE CHARACTERISTICS

Parameter	Value
Standard	AS/NZS 1802
Voltage rating	1.1/1.1 kV
Maximum continuous operating temperature	+90 deg C
Minimum installation temperature	-25 deg C
Installation conditions	In free air, in duct and for machines
Oil / water performance	Excellent immersion performance and very good flexibility
Flame performance	C1

TECHNICAL DATA

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

TYPE 210.1 - 1.1/1.1 kV											
Part	Area mm2	Cond. Dia. mm	Insul. mm	AC Res. oh/km	React. oh/km	Volt Drop mV/A.m	Cap. uF/km	Screen mm2	Sheath mm	Cable Dia. mm	Mass kg/100m
1.5	1.5	1.6	1.4	17.5	0.187	30.3	0.165	6.2	3.0	25.6	100
2.5	2.5	2.1	1.5	10.5	0.174	18.2	0.184	6.9	3.0	26.8	110

CERTIFICATIONS

