

COPPER CABLE

1 PAIR 1.79mm PCW, PVC INS A/Mylar LH PVC SWA LH PVC

APPLICATION

Blasting wire application for use in mines.

MINES-BLASTWIRE

CONSTRUCTION

CONDUCTOR	Plain annealed copper conductors (1.79mm solid)
INSULATION	PVC insulation (radial thickness: 0.60mm nominal)
TWINNING	Pair twisting - Two insulated conductors are twisted together to form a pair, identification being indicated by black and white insulated cores
OVERALL SCREEN	Aluminium/polyester tape with a 7 strand 0.50mm ² size tinned annealed copper drain wire
BEDDING SHEATH	Low Halogenated PVC (radial thickness: 0.9mm nominal) – Black
ARMOURING	Steel Wire Armour (SWA) (0.9mm)
OUTER SHEATH	Low Halogenated PVC (radial thickness: 1.5mm nominal) - Required colour

ELECTRICAL CHARACTERISTICS

Conductor size (mm)	1.79
Conductor Resistance (Max Average @ 20° C) Ω/km	7.41
Nominal Mutual Capacitance (nF/km)	170
Nominal Ground Capacitance (nF/km)	340
Nominal Inductance mH/km	0.68
Insulation Resistance (Minimum) MΩ.km	100

PHYSICAL CHARACTERISTICS

ADMISSIBLE BENDING RADIUS (MIN mm)	OUTER SHEATH	
Temperature range :	During operation	70°C
	During installation	- 5°C to 50°C

