



Type 7 Coalcutter Cable

Applications:	Suitable for use in underground coal mines for use with coalcutter and other face equipment
Conductor:	Tinned annealed flexible copper. Class 5 flexible
Core identification:	Power cores: Red, yellow & brown, Pilot core: Blue, Earth core: Bare
Insulation:	MEPR (Modified ethylene propylene rubber)
Screen:	ITCNB (Individual tinned copper nylon braid), only the three power cores are screened
Sheath/Jacket:	PCP (Polychloroprene) more commonly known as OFR (Oil resistant & flame retardant)
Colour:	Black
Voltage:	640/1100v
Operating temperature:	Maximum 85°C, Minimum bending -20°C
Standards:	BS6708: flexible cables for use at mines and quarries



Size power core sq.mm	Size pilot core sq.mm	Size bare earth core sq.mm	RT of insulation power mm	RT of insulation pilot mm	Max overall diameter mm	Weight kg/km	Current rating		Volt drop 3 phase AC	BATT part no
							Intermittent 3 phase AC amps	Continuous 3 phase AV amps		
16	16	16	1.5	1.5	38.6	2310	96	85	2.62	82092
25	16	16	1.6	1.5	45.9	2960	125	110	1.68	82047
35	16	18	1.6	1.5	46.3	3550	150	135	1.20	82053
50	25	25	1.7	1.6	51.8	4600	200	170	0.84	82093
70	35	35	1.8	1.6	58.8	6040	250	205	0.61	82055
95	50	50	2.0	1.7	66.1	7880	310	250	0.47	82013